Acer PD721
Service Guide

Service guide files and updates are available on the CSD web; for more information, please refer to http://csd.acer.com.tw

Service CD P/N: **N/A**

Revision History

Please refer to the table below for the updates made on Acer Altos PD721 service guide.

Date	Chapter	Updates

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Conventions

The following conventions are used in this manual

:

`Screen messages`	Denotes actual messages that appear on screen.
NOTE	Gives bits and pieces of additional information related to the current topic.
WARNING	Alerts you to any damage that might result from doing or not doing specific actions.
CAUTION	Gives precautionary measures to avoid possible hardware or software problems.
IMPORTANT	Reminds you to do specific actions relevant to the accomplishment of procedures.

Preface

Before using this information and the product it supports, please read the following general information.

1. This Service Guide provides you with all technical information relating to the BASIC CONFIGURATION decided for Acer's "global" product offering. To better fit local market requirements and enhance product competitiveness, your regional office MAY have decided to extend the functionality of a machine (e.g. add-on card, modem, or extra memory capability). These LOCALIZED FEATURES will NOT be covered in this generic service guide. In such cases, please contact your regional offices or the responsible personnel/channel to provide you with further technical details.
2. Please note WHEN ORDERING FRU PARTS, that you should check the most up-to-date information available on your regional web or channel. If, for whatever reason, a part number change is made, it will not be noted in the printed Service Guide. For ACER-AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code to those given in the FRU list of this printed Service Guide. You MUST use the list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

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System Introduction

Technical Specification

Item	Description
Display	DLP™
Resolution	Native XGA (1024x768), SXGA (1280x1024) compressed
Computer Compatibility	IBM PC and Compatibles, Apple Macintoash, iMac, and VESA Standards SXGA, XGA, SVGA, VGA(resizing)
Video Compatibility	NTSC M(3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM(B/D/G/K/K1/L), HDTV(720p, 1080i), EDTV(480p), SDTV(480i), 576i/p
Aspect Ratio	4 : 3 Native, 5 : 4 / 16 : 9 Compatible
Contrast Ratio (Typical)	2000 : 1
Displayable Colors	16.7 Million Colors
Brightness (Typical)	2,300 ANSI Lumens
Projection Lens	F / 2.44~2.69, f=28.8~34.5mm 1 : 1.12 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	23" (0.58m)~246"(6.25m)
Projection Distance	3.74' (1.14m)~32.8' (10m)
Horizontal Scan Rate	15~100 kHz
Vertical Refresh Scan Rate	43~120 Hz
Lamp Type	250W User Replaceable UHP Lamp
Lamp Life	2,000 Hours
Keystone Correction	+/-16 Degrees
Weight	6.6 lbs (3kg)
Dimension	277 x 225 x 85mm (10.9" x 8.9" x 3.3")
Remote Mouse Control	Remote Control with Mouse Function & Laser Pointer
Power Supply	AC Input 100-240V auto-switching power supply
Power Consumption	320 Watts
Operation Temperature	5°C~35°C / 41°F~95°F
Noise Level (Typical)	32 dB in Normal Operation
Uniformity	90%

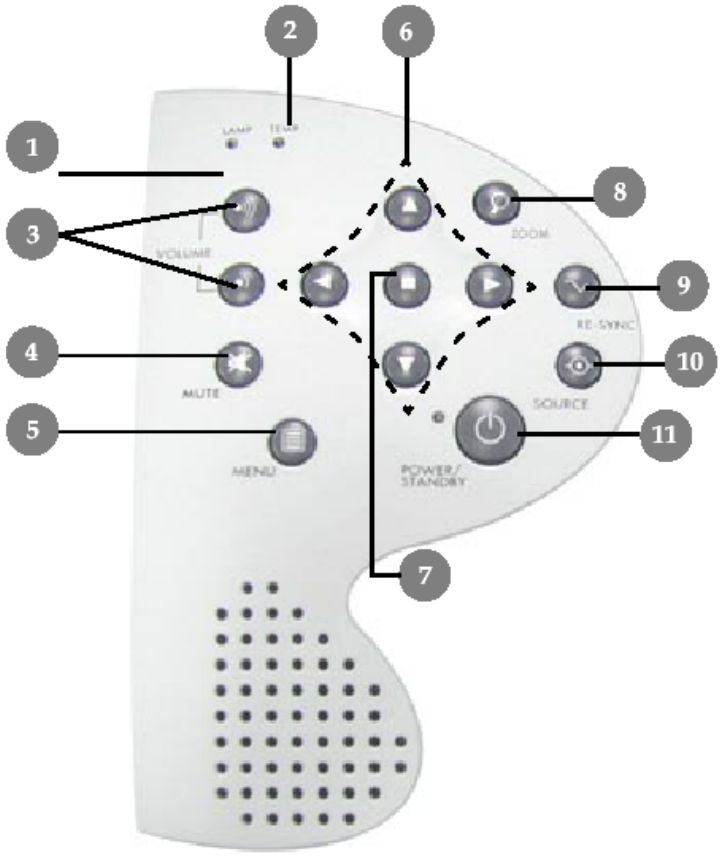
Item	Description
I/O Connectors	Computer Input - 1 HDB 15-Pin D-Sub (VGA/Component/HDTV input port) - 1 DVI Connector - 2 Audio Mini Jack (1 for 15-pin D-SUB, 1 for DVI) AV Input - 1 Mini DIN for S-Video Input Connector - 1 RCA Jack for Composite Video Input Connector - 1 Audio Mini Jack for S-Video/Composite Video Output - 1 Mini D-SUB 15-Pin for Monitor Loop Through - 1 Audio Mini Jack for monitor loop through - 1 Remote Mouse Port
Standard Accessories	AC Power Cord 15-Pin VGA Signal Cable (1.8M) RCA Composite/HDTV Video Cable S-Video Signal Cable Wireless Remote Control with mouse function and laser pointer AA Tu[e Batteroes X 2 for remote multi-language user's guide (CD-ROM) multi-language quick start card lens cap soft carrying bag Audio cable jack/RCA Y cable for remote control (support USB/Com port)

Product Overview

Main Unit

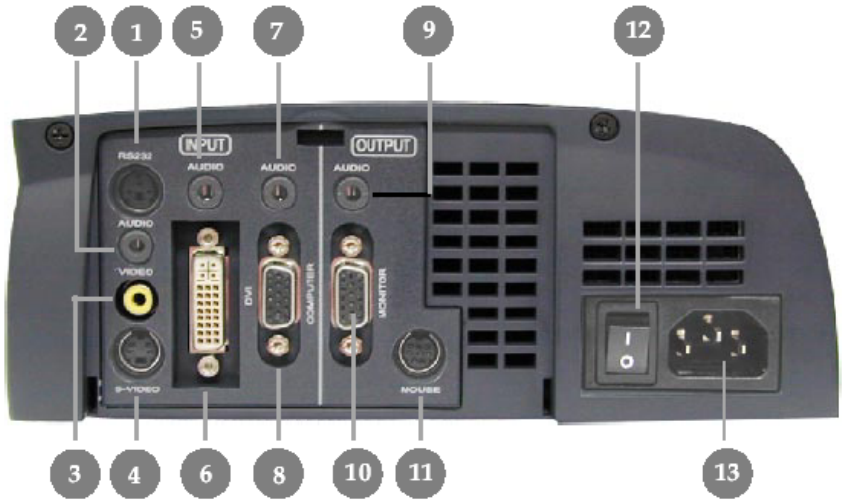
Item	Description
1	Panel Control
2	Power Connector Power Switch
3	Connection Ports
4	Focus Ring
5	Zoom Lens
6	Zoom Ring
7	Speaker
8	Remote Control Receiver
9	Elevator Button
10	Elevator Foot

Panel Control



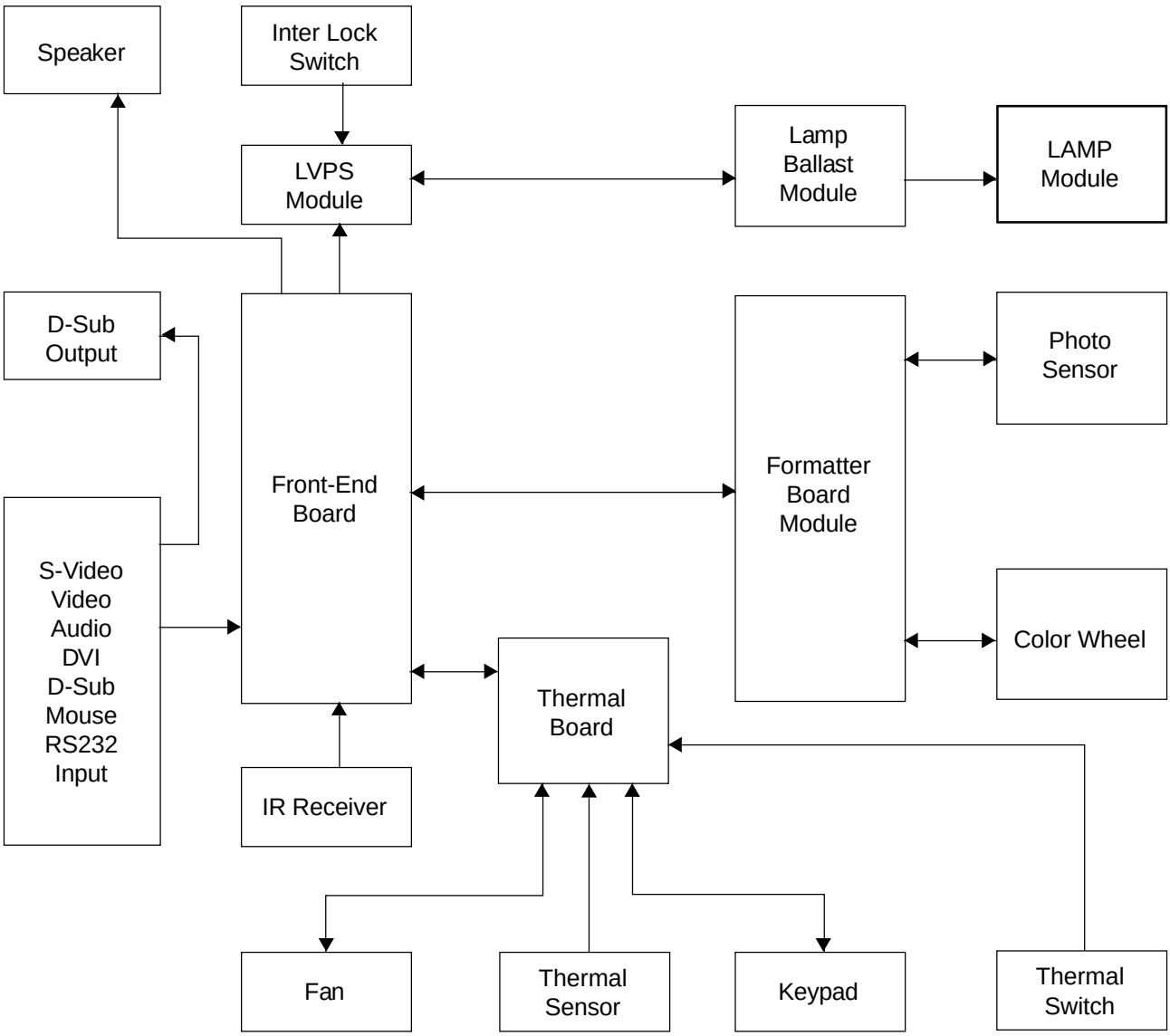
Item	Description
1	Lamp Warning LED
2	Temperature Warning LED
3	Volume
4	Mute
5	Menu (On/Off)
6	Four Directional Select Keys
7	Enter
8	Zoom
9	Re-sync
10	Source
11	Power / Standby

Connection Ports

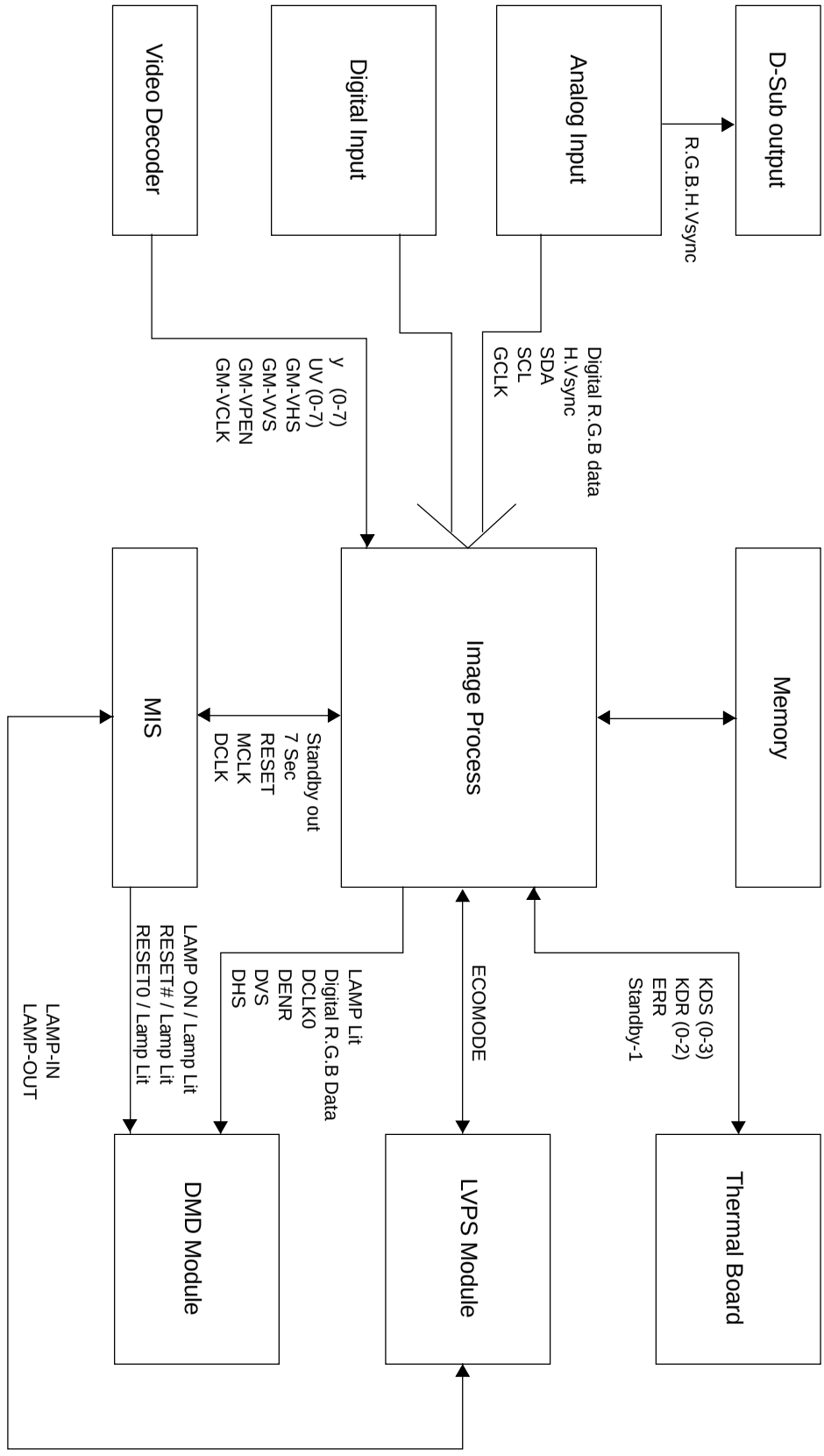


Item	Description
1	RS232 Input Connector
2	Audio Input for Video
3	Composite Video Input Connector
4	S-Video Input Connector
5	Audio Input for DVI
6	DVI Input Connector
7	Audio Input for Computer
8	PC Analog Signal / HDTV / Component Video Connector
9	Audio Output Connector
10	Monitor Loop-through Connector
11	Remote Mouse Input Connector
12	Power Switch
13	Power Connector

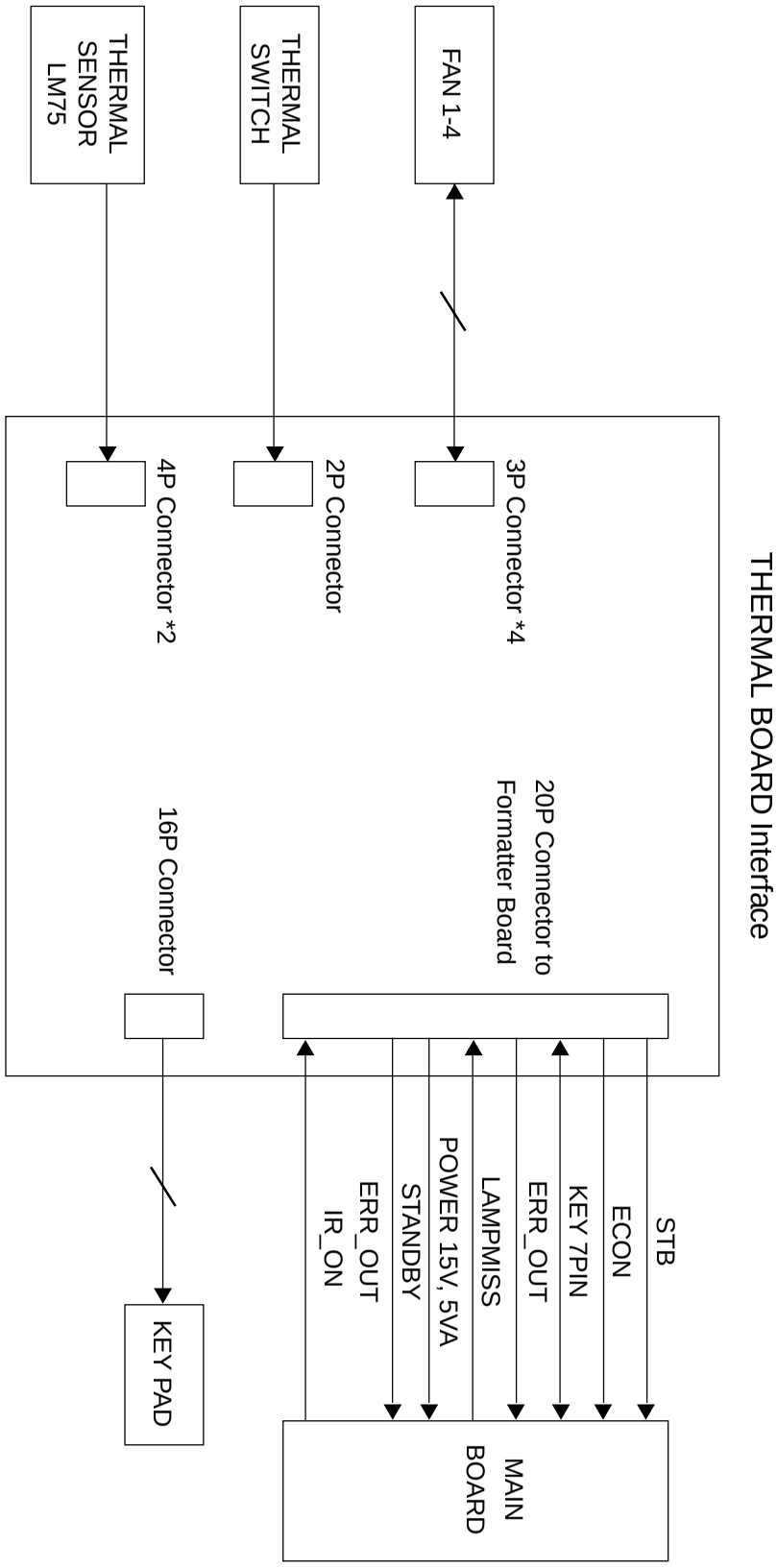
System Block Diagram



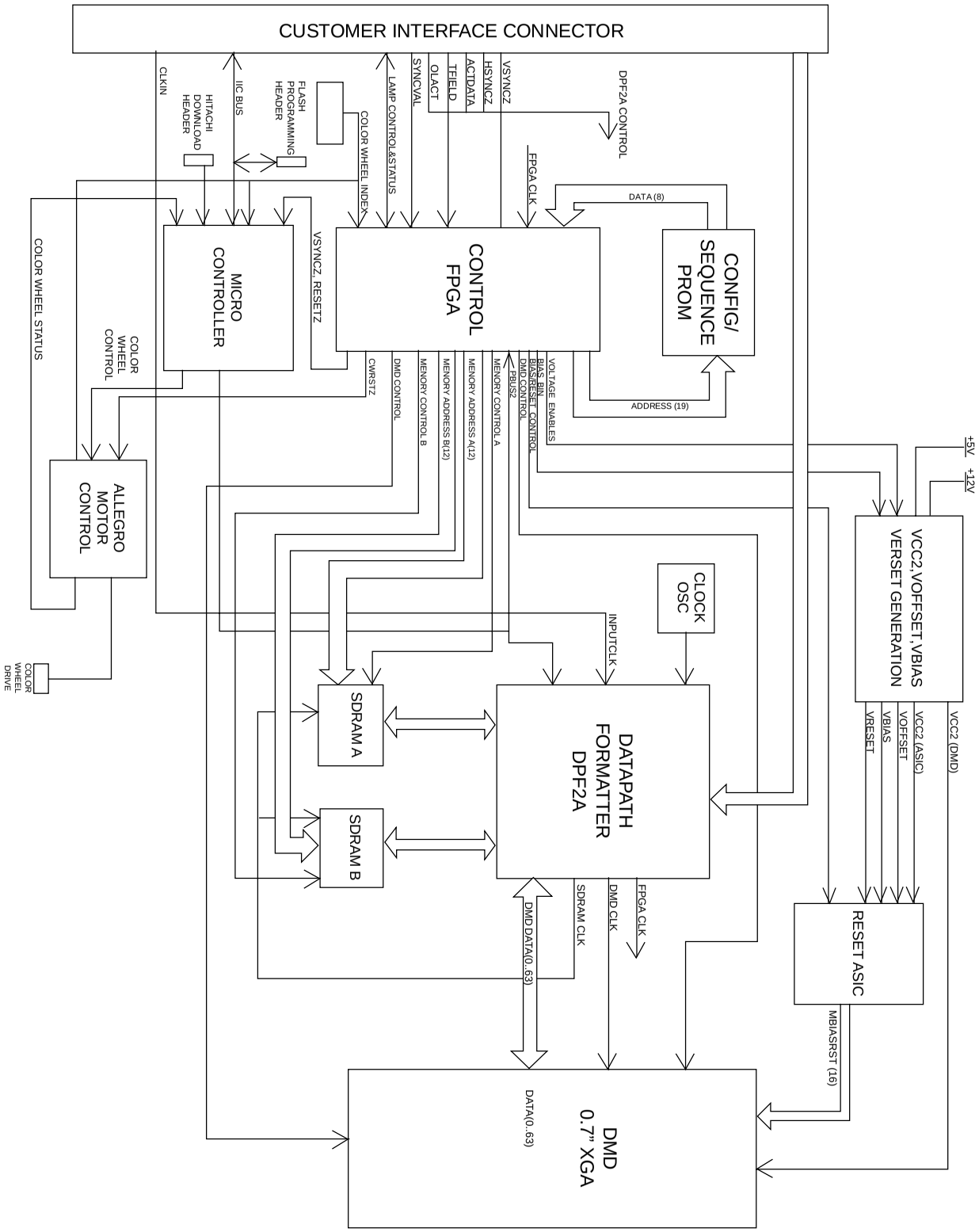
Main Board Block Diagram



Thermal Board Block Diagram



Formatter Block Diagram



Firmware Upgrade

This chapter provides the equipment needed, setup and upgrading procedure for Firmware upgrade.

Equipment Needed

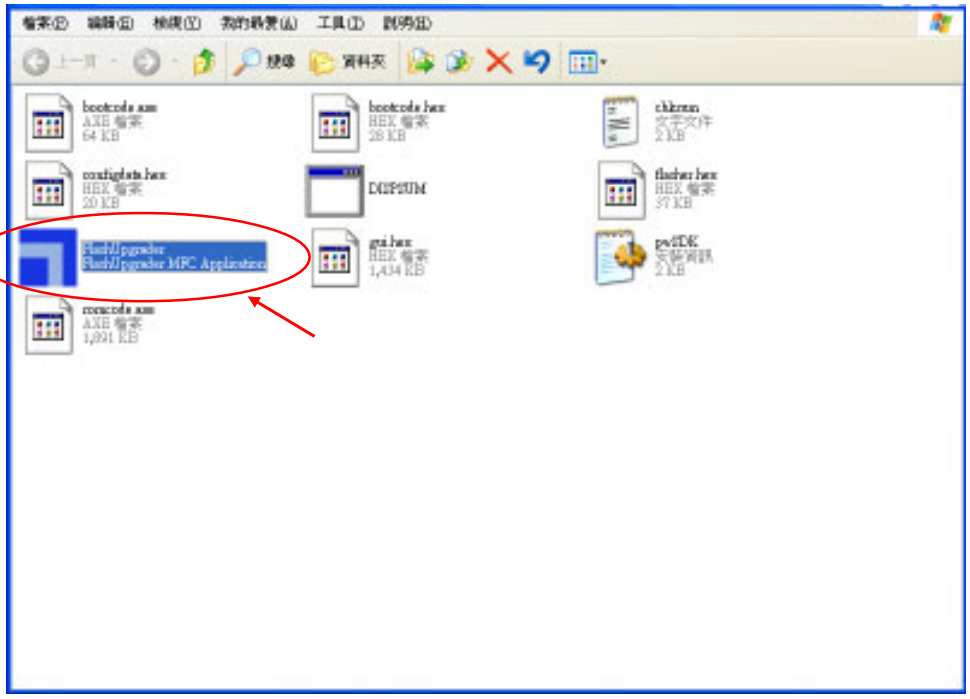
Item	Description
Software	Bootcode.axe
	Bootcode.hex
	Configdata.hex
	Gui.hex
	RomCode.axe
	Flasher.hex
	pwSDK.inf
	ChkSum.txt
	Flasher.hex
	DISPSUM.exe
	FlashUpgrader MFC Application
Hardware	Fixture : - Cable RS-232 (Blue To Mini Din 3PIN 1800mm) (P/N : 42.86301.001, Rev.A)
	PC
	PD721 Projector

Setup Procedure

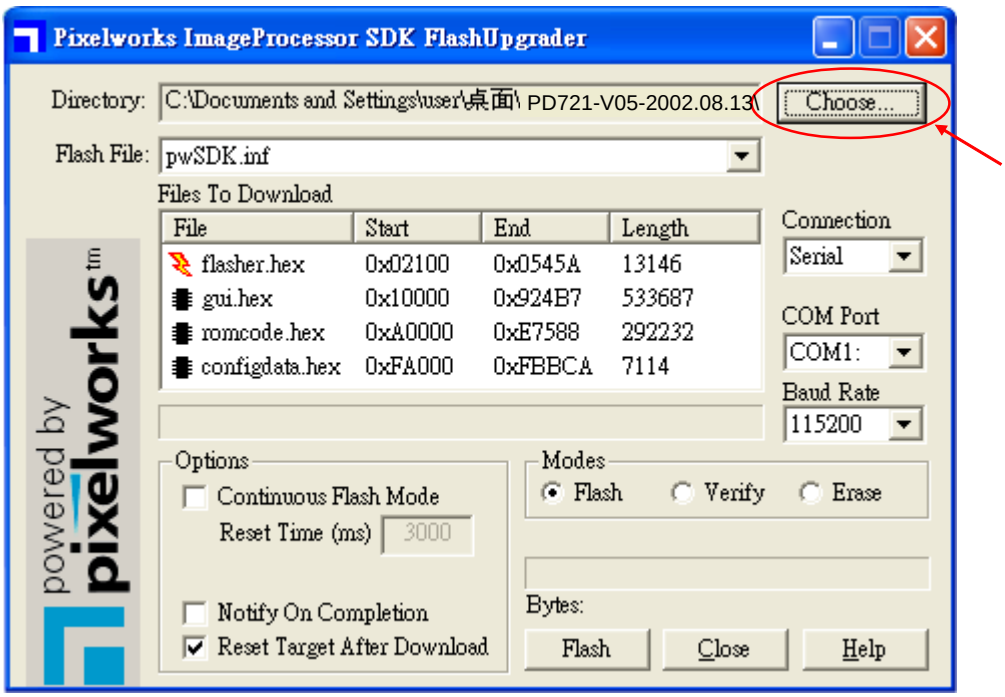
1. Connect RS232 to mini din 3P Cable to COM1 of PC and PD721.

Upgrading Procedure

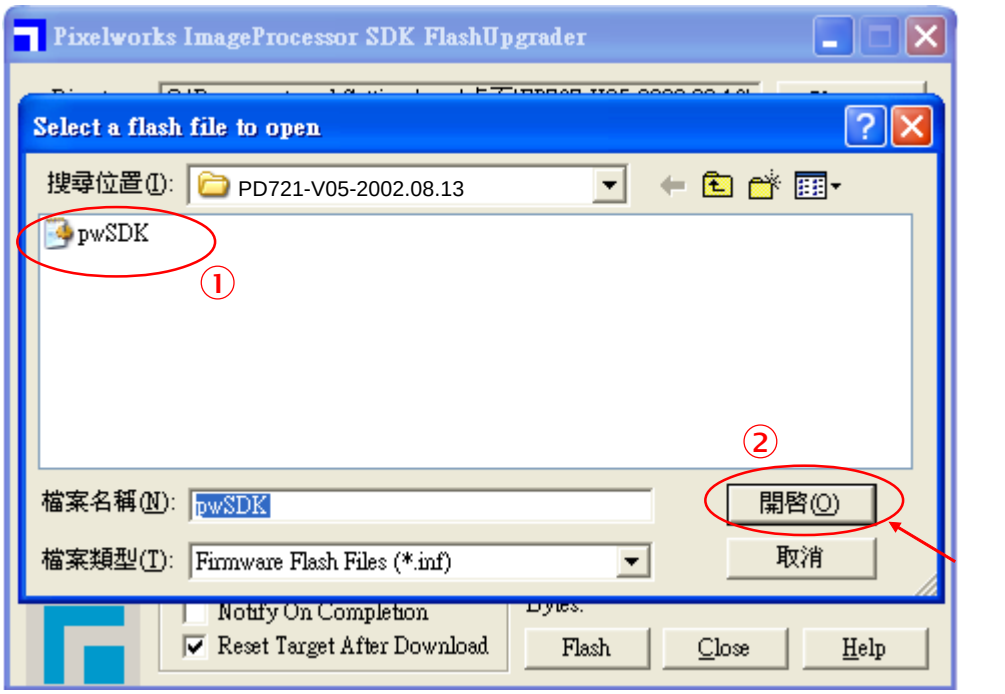
1. Execute “FlashUpgrader MFC Application”.



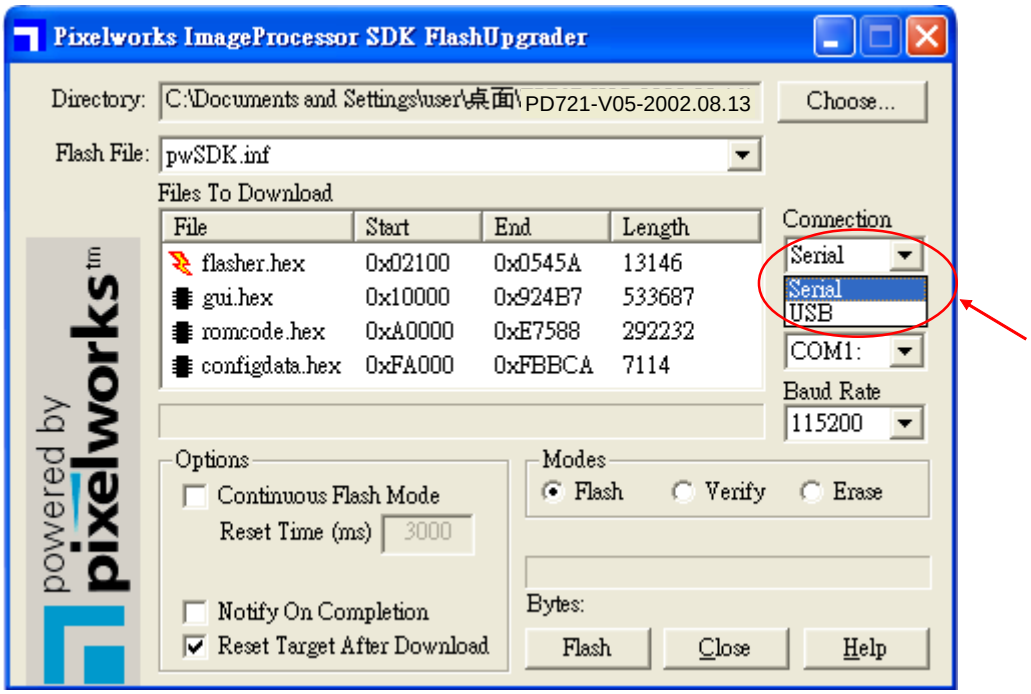
2. Click “Choose” button.



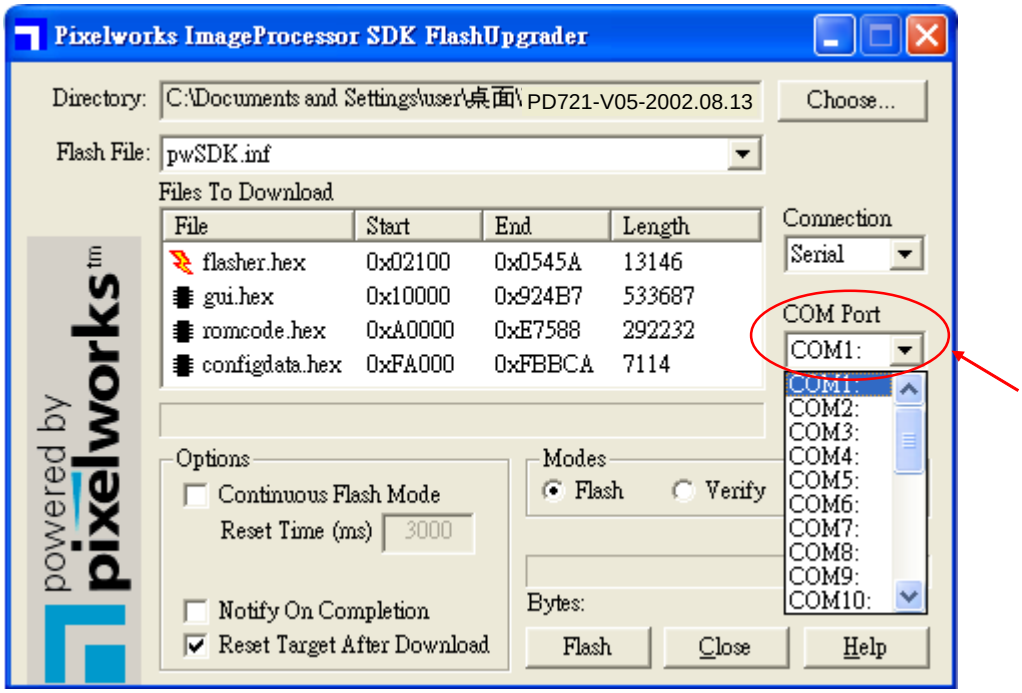
3. Search <pwSDK.inf> file from PD721 F/W folder, then click “Open” button.



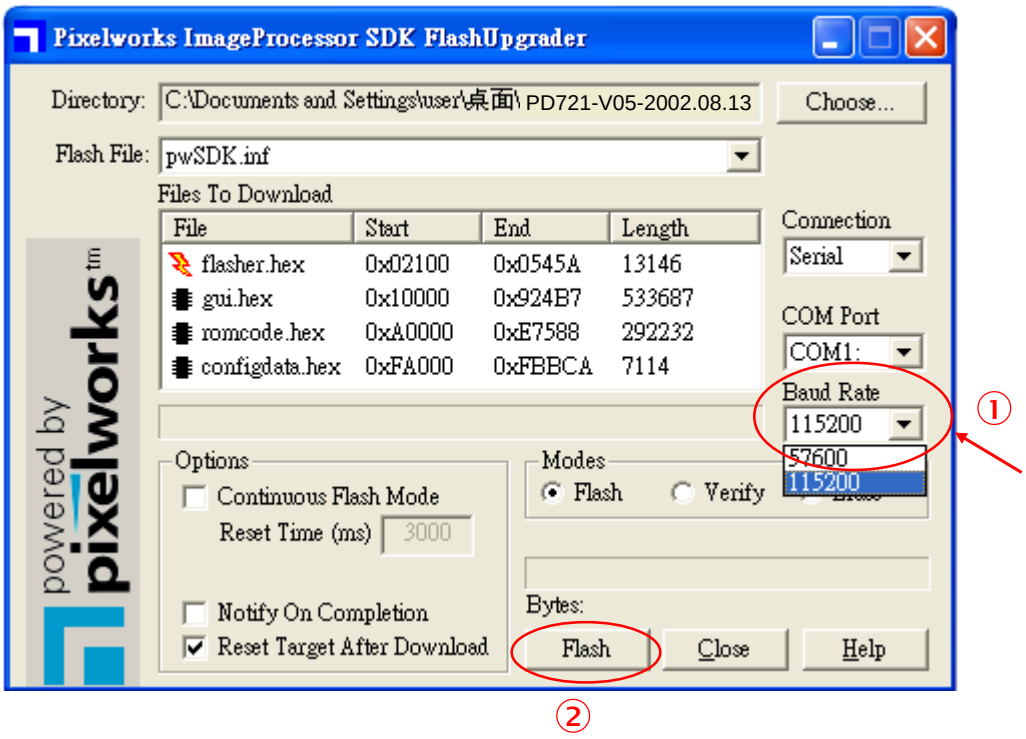
4. Select “Serial” Port.



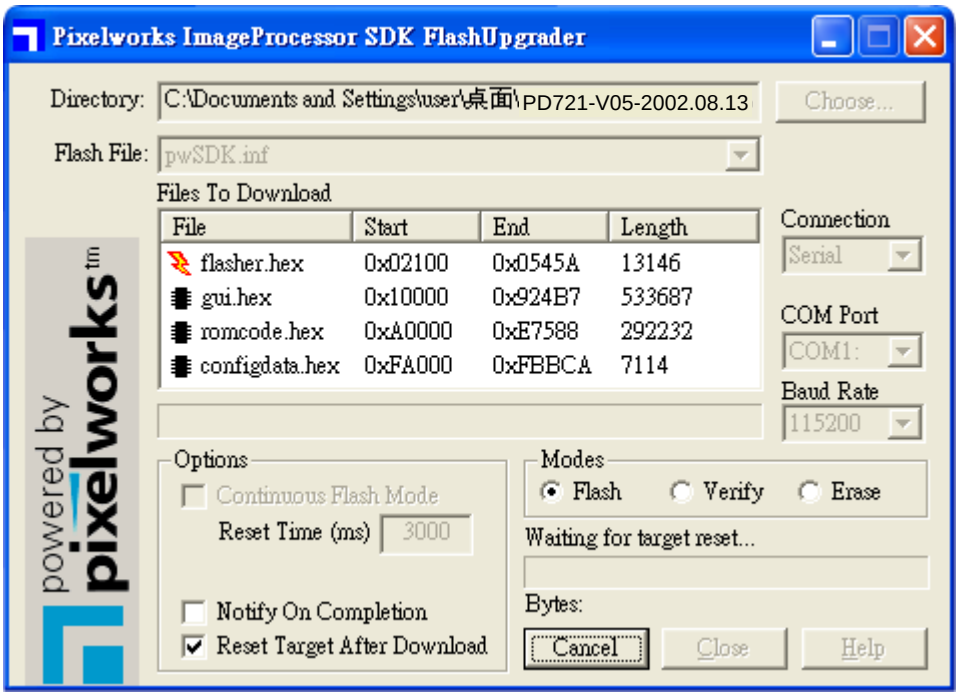
5. Select “COM1” port.



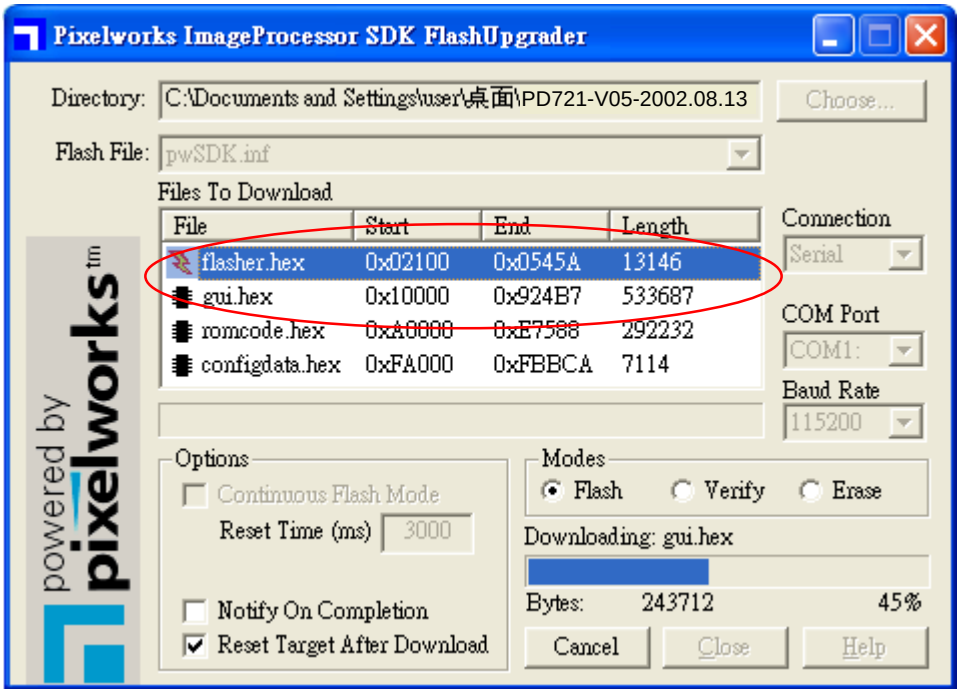
6. Select Baud Rate to be “115200”, then click “Flash” button.



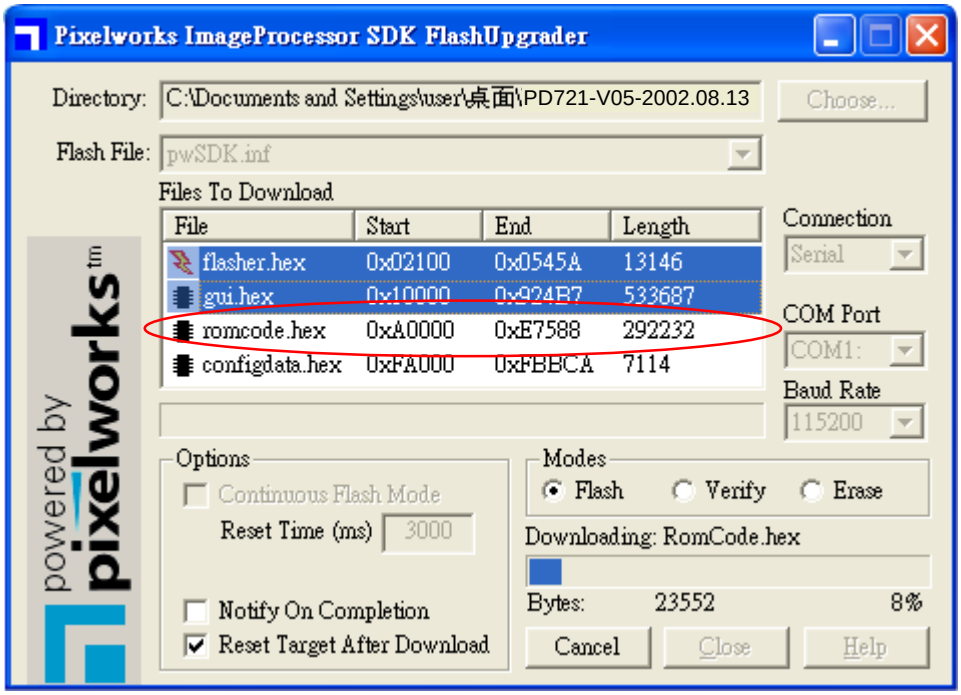
7. Plug in the Power Cord to PD721, then press and hold on “Standby” key on PD721 keypad *(Note : The Firmware upgrade program will be stop if you havn’t hold the standby button.)*



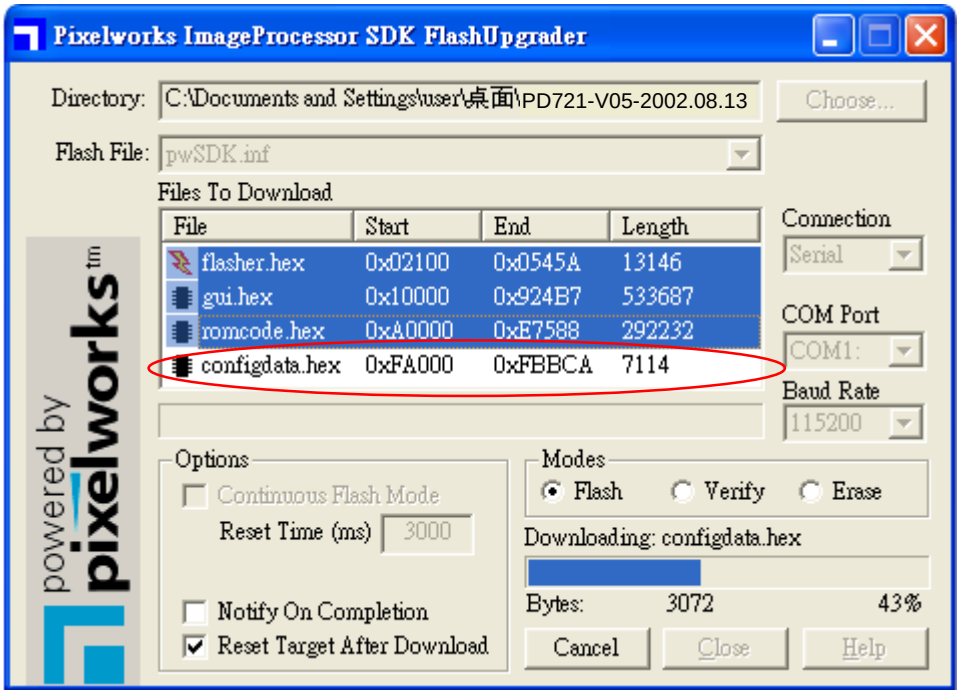
8. Downloading <Flasher.hex> and <Gui.hex> files.



9. Keep on downloading <RomCode.hex> file.



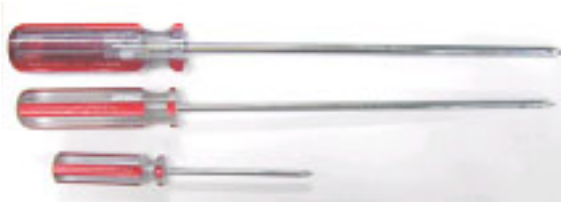
10. After <Configdata.hex> file is downloaded, await starting up PD721 (about 2-3 seconds), then finish the upgrading procedure.



Machine Disassembly and Replacement

This section provides disassembly procedures for PD721 Micro Portable XGA DLP Projector. Before you begin any of these procedures, be sure to turn off the power, computer system, and other attached devices; then disconnect the power cable from the electronically outlet. Moreover, when you disassemble the projector, be sure to put the screws in a safe place and separate them according to grouping.

Tool Needed

Item	PHOTO
Long Nose Nipper (Left) Angle Cutting Nipper (Right)	
Hex Sleeves 5mm (Top) Screw Bit (-) 101	
Screw Bit (+) : 107, 102, 101 (from top to bottom)	

General Information

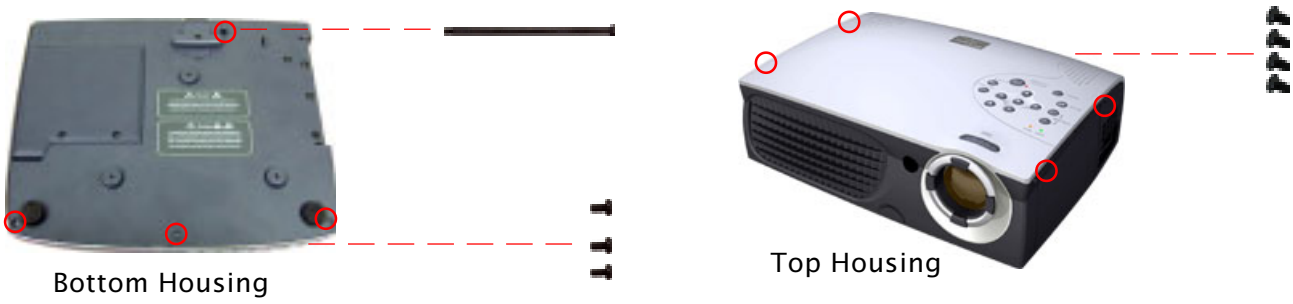
Before You Begin

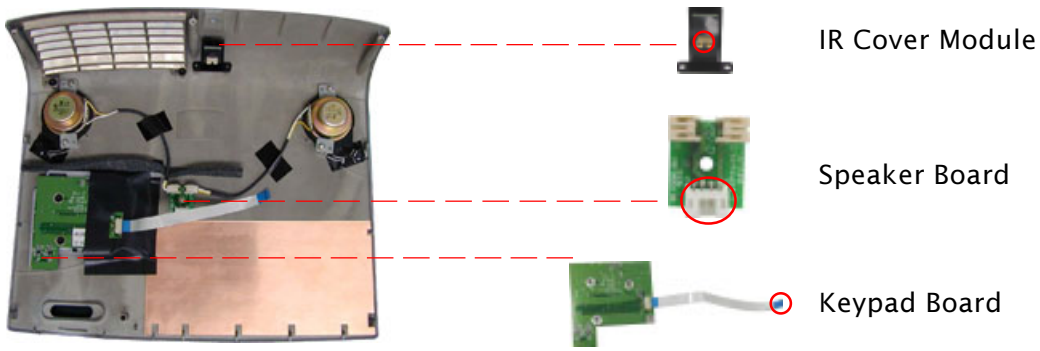
Before proceeding with the disassembly procedure, make sure that you do the following:

1. Turn off the power to the system and all peripherals.
2. Unplug the AC adapter and all power and signal cables from the system.
3. Anti-static wrist strap.

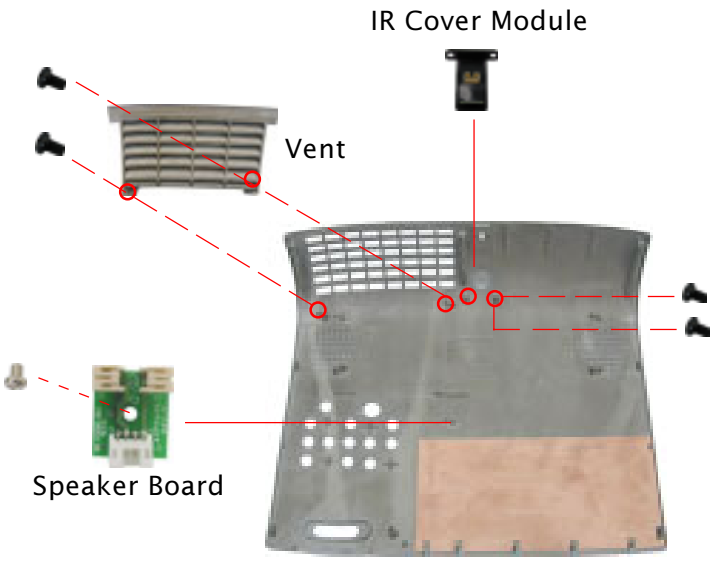
Removing Top Cover Module, Keypad Board and Speaker

1. Remove three screws and one long screw from Bottom Housing.
2. Remove four screws beside Top Housing.
3. Lift up Top Housing and unplug three wires to Thermal Board, IR Cover Module and Speaker Board.

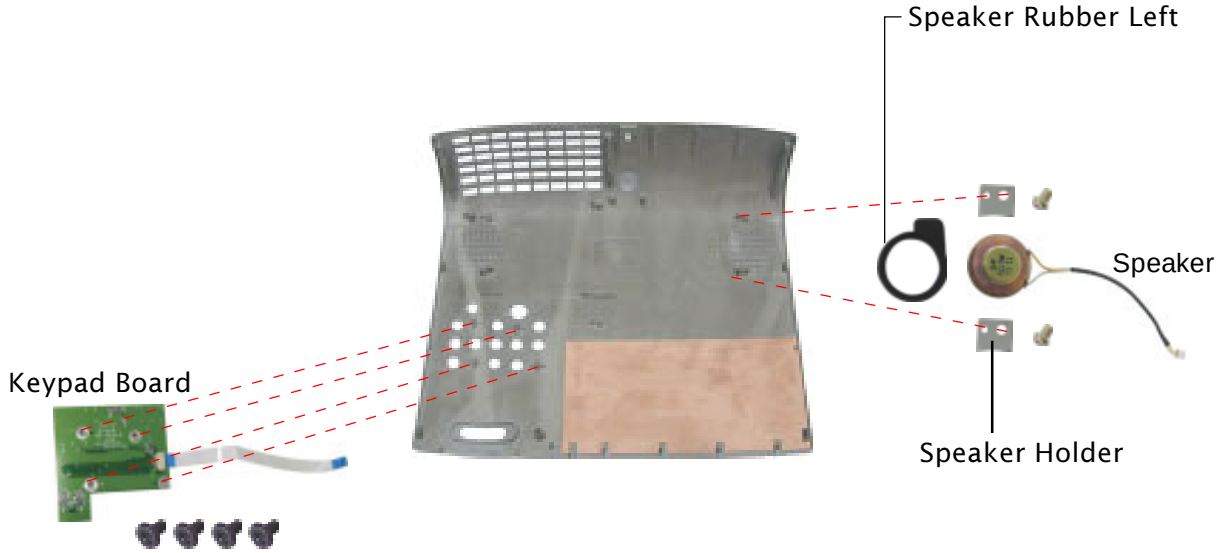


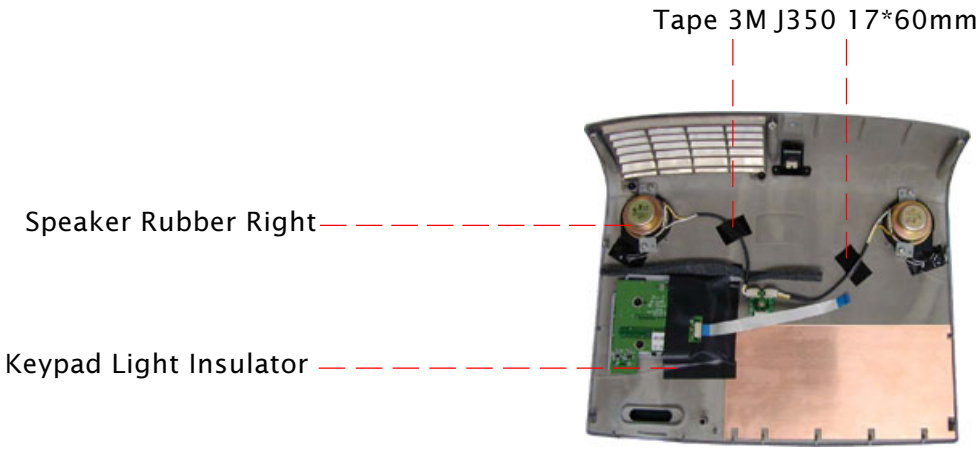


4. Unscrew one screw to remove Speaker Board
   Unscrew four screws to remove IR Cover Module, Vent.



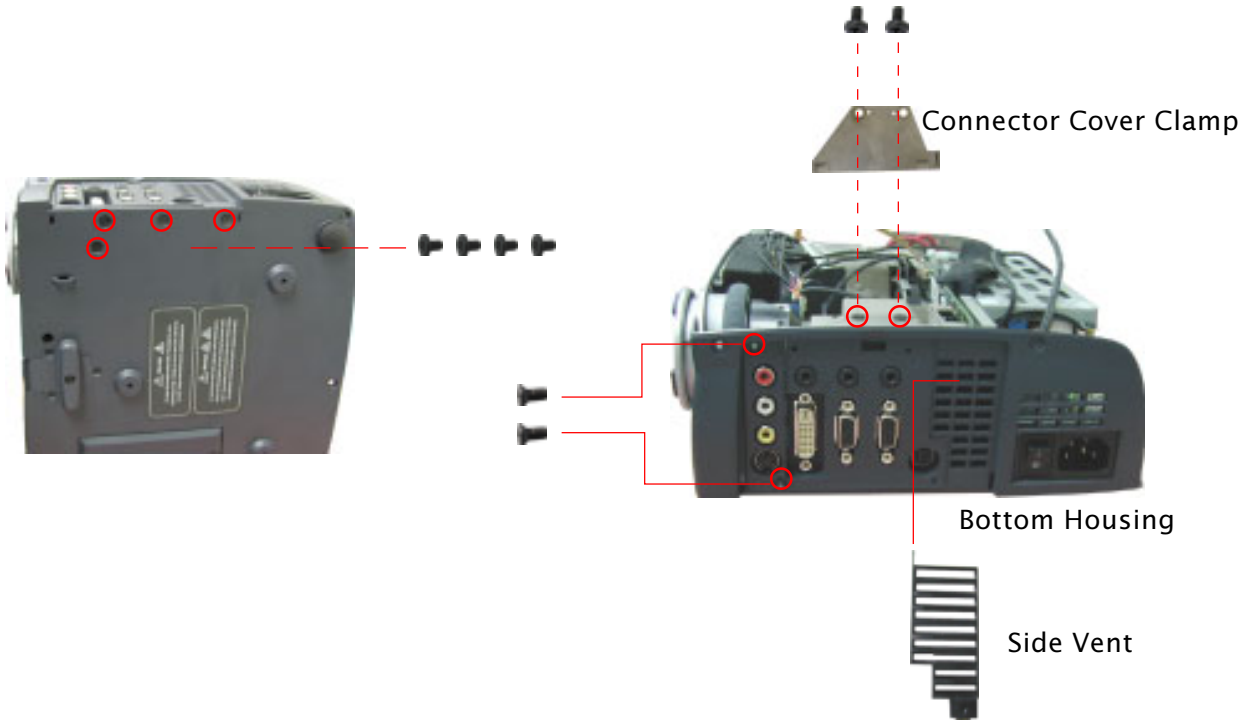
5. Tear off Keypad Light Insulator, then remove four screws of Keypad Board and tear off 3M Tape then unscrew two screws of Speaker Holders to remove speaker.



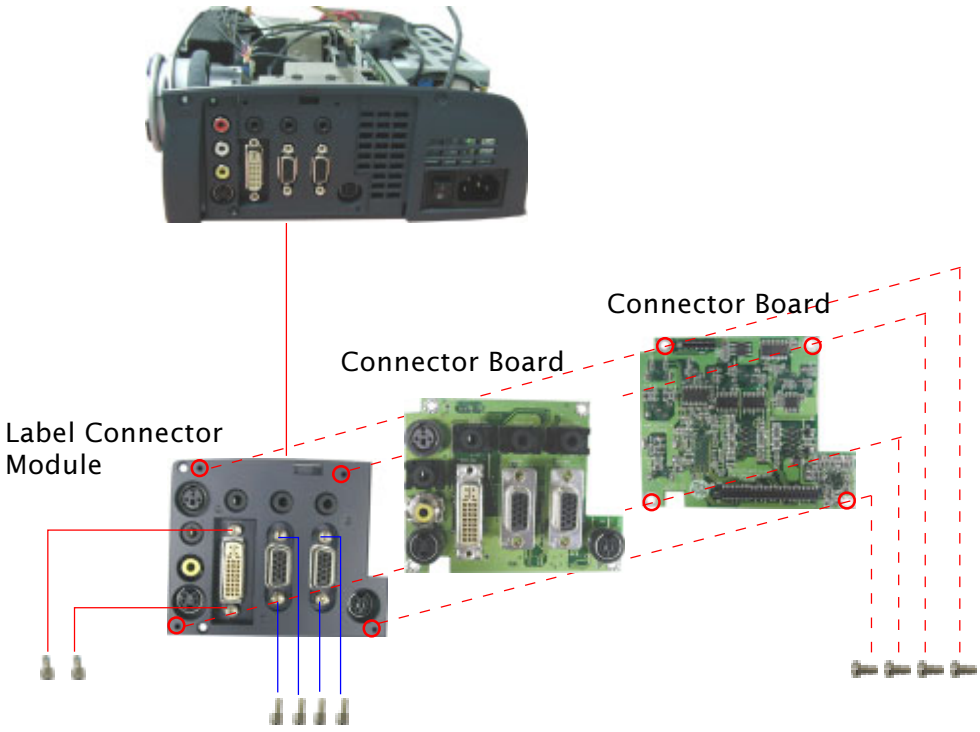


Removing AV Module and Connector Board

1. Turn over Bottom Housing and remove four screws from Bottom Housing.
2. Unscrew two screws of Label Connector Module to remove Label Connector Module and remove two screws from Connector Cover Clamp. Take off Side Vent.

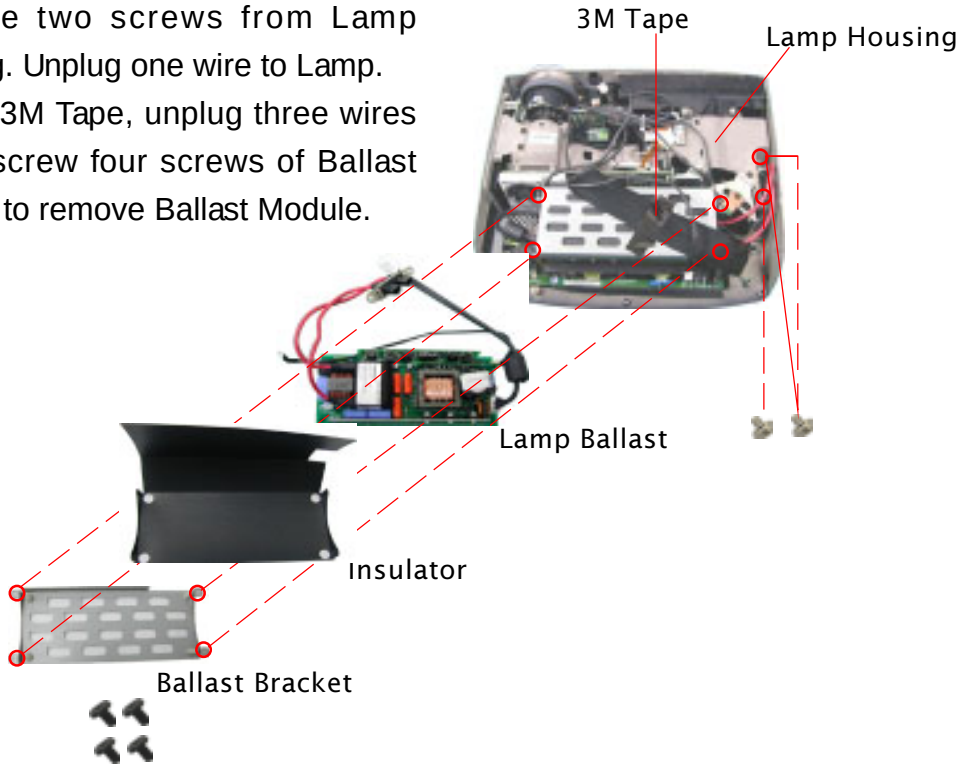


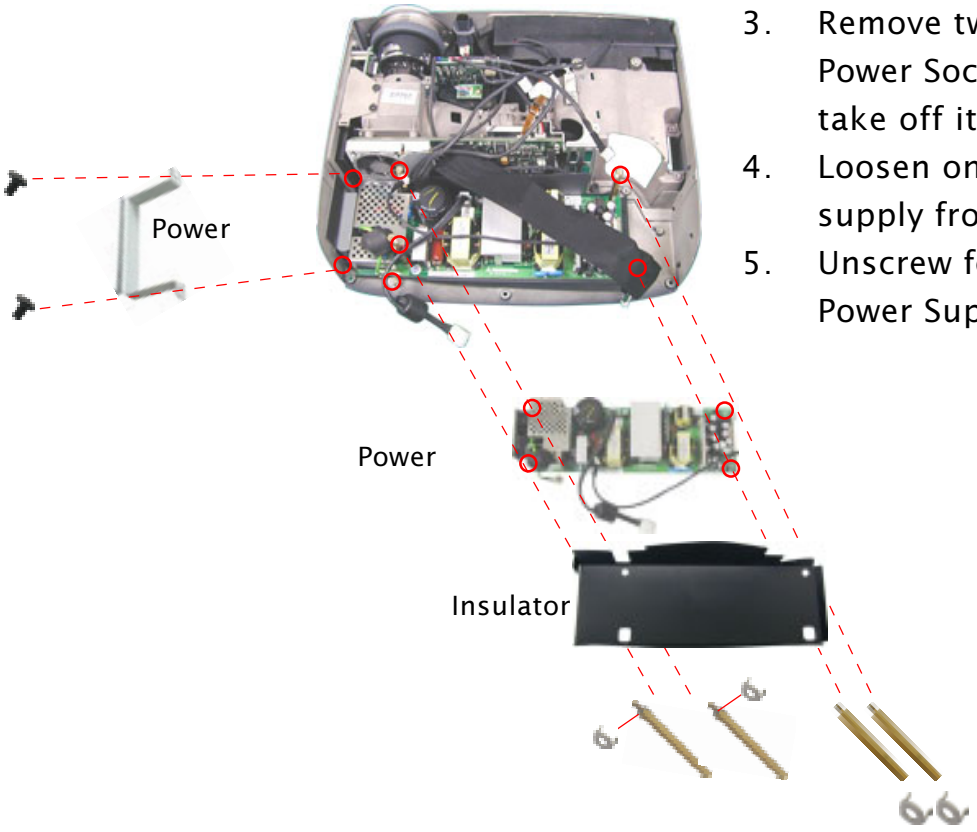
3. Remove two screws and four long screws from Label Connector Module.
4. Unscrew four screws of Connector Board to remove it.



Removing Lamp Ballast and Power Supply

1. Remove two screws from Lamp Housing. Unplug one wire to Lamp.
2. Tear of 3M Tape, unplug three wires and unscrew four screws of Ballast Bracket to remove Ballast Module.

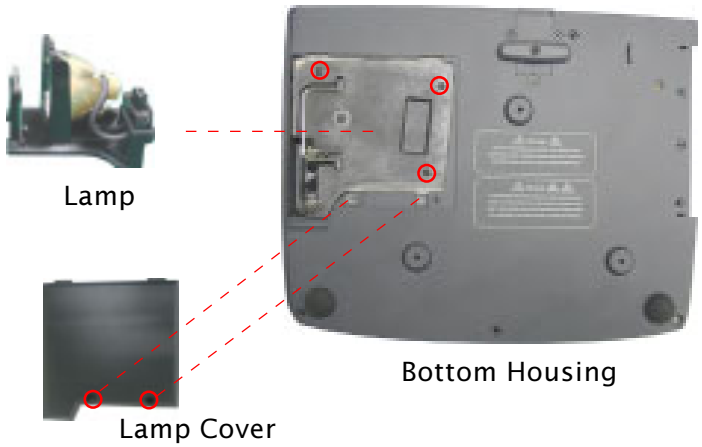




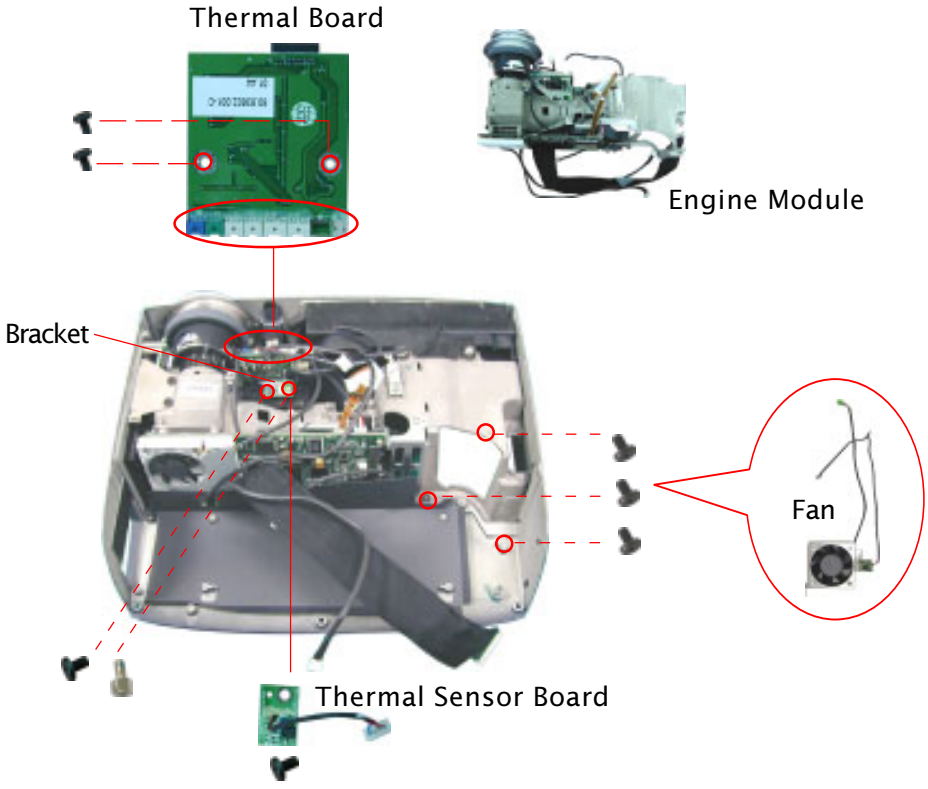
3. Remove two screws from Power Socket Bracket and take off it.
4. Loosen one screw of Power supply from grounding.
5. Unscrew four hex screws of Power Supply to remove it.

Removing Lamp Module and Thermal Board

1. Turn over Bottom Housing and loosen two screws of Lamp Cover from Bottom Housing and take off Lamp Cover.
2. Loosen three screws of Lamp to remove Lamp.

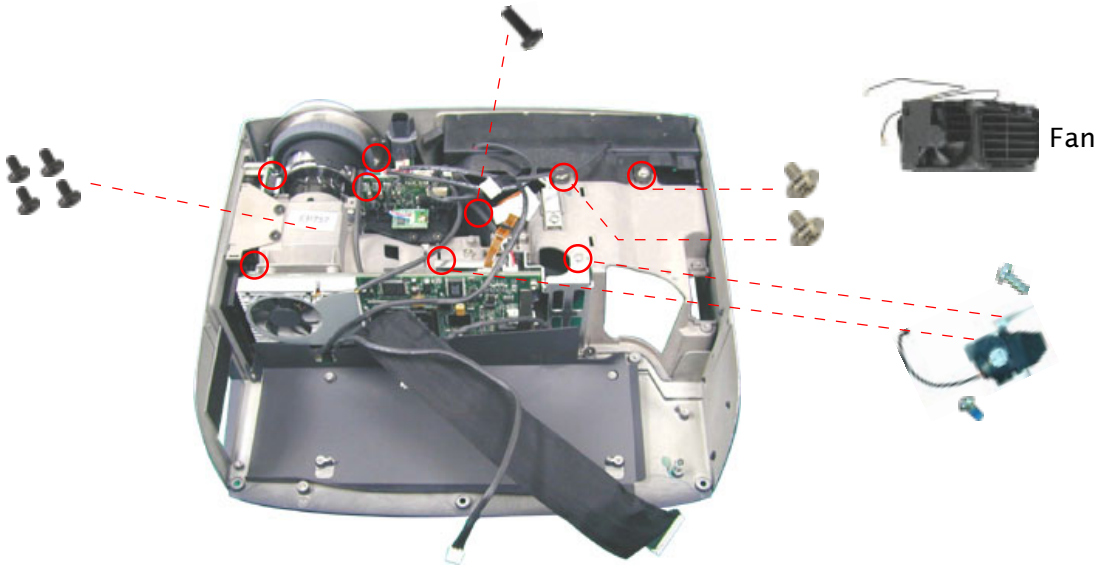


3. Unplug seven cables from Thermal Board.
4. Remove one screw from Thermal Sensor Board. Unscrew one screw and one hex screw to remove Thermal Board. (The one hex screw is under one screw of Thermal Sensor Board)
5. Unscrew three screws of Fan to remove Fan.

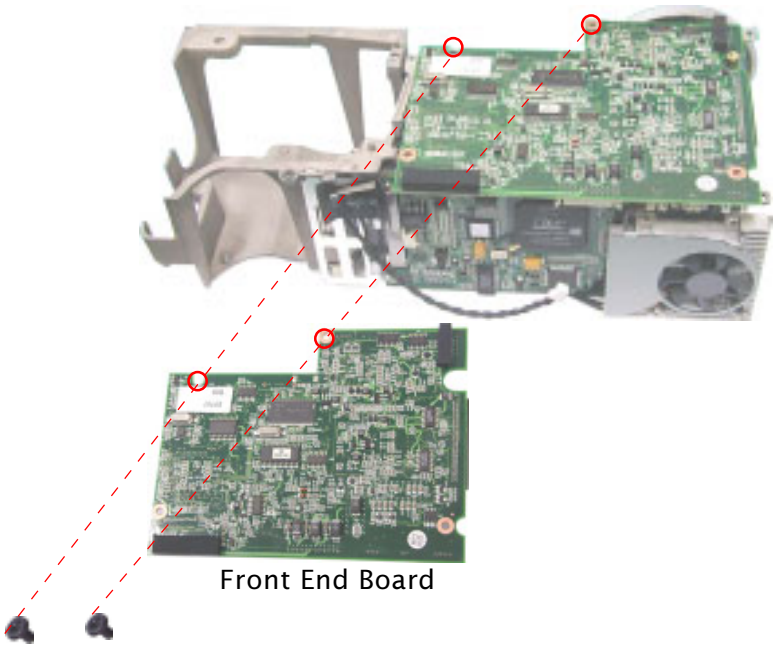


Removing Fan Module and Front End Board

1. Remove two screws from Fan Module and take off it.
2. Unscrew four screws and one long screw of Engine Module.
3. Unscrew two screws to remove Fan Module.

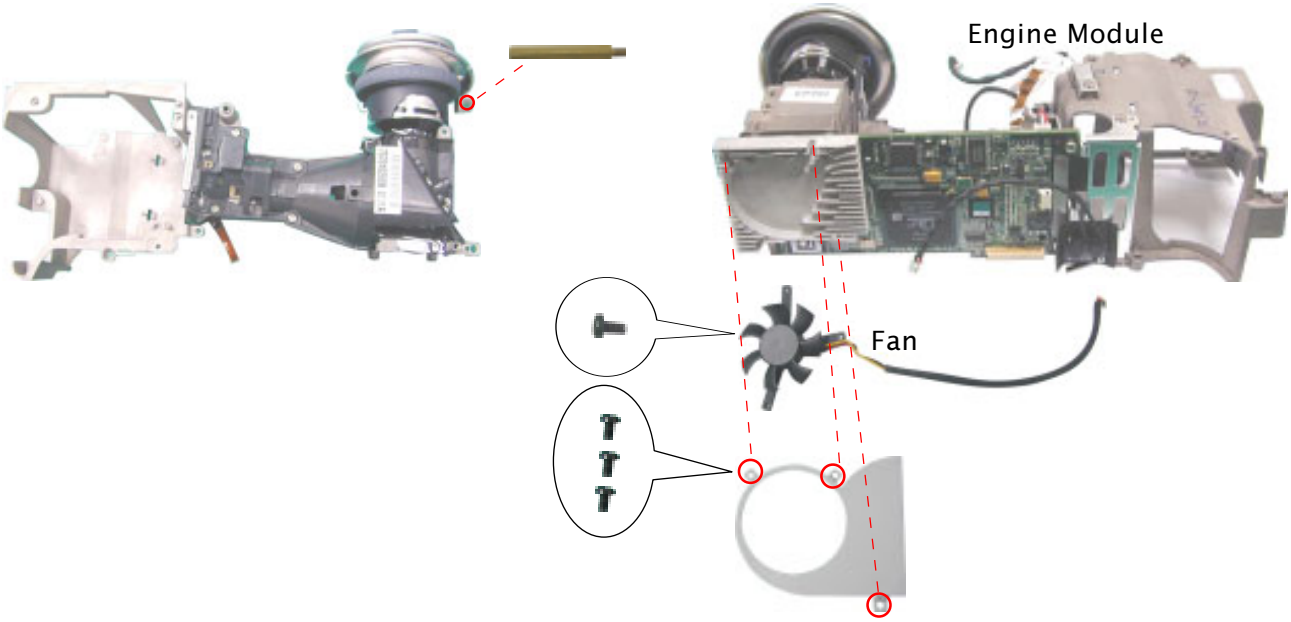


4. Unscrew two screws to remove Front End Board from Engine.

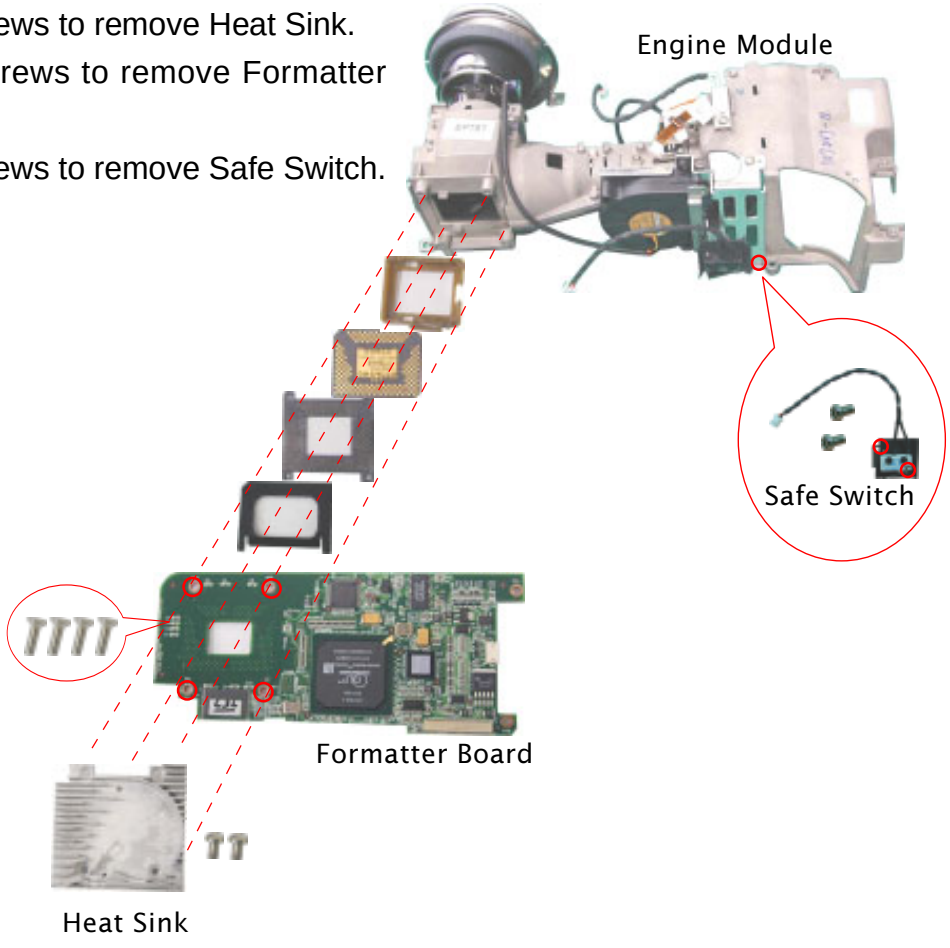


Removing Formatter Board

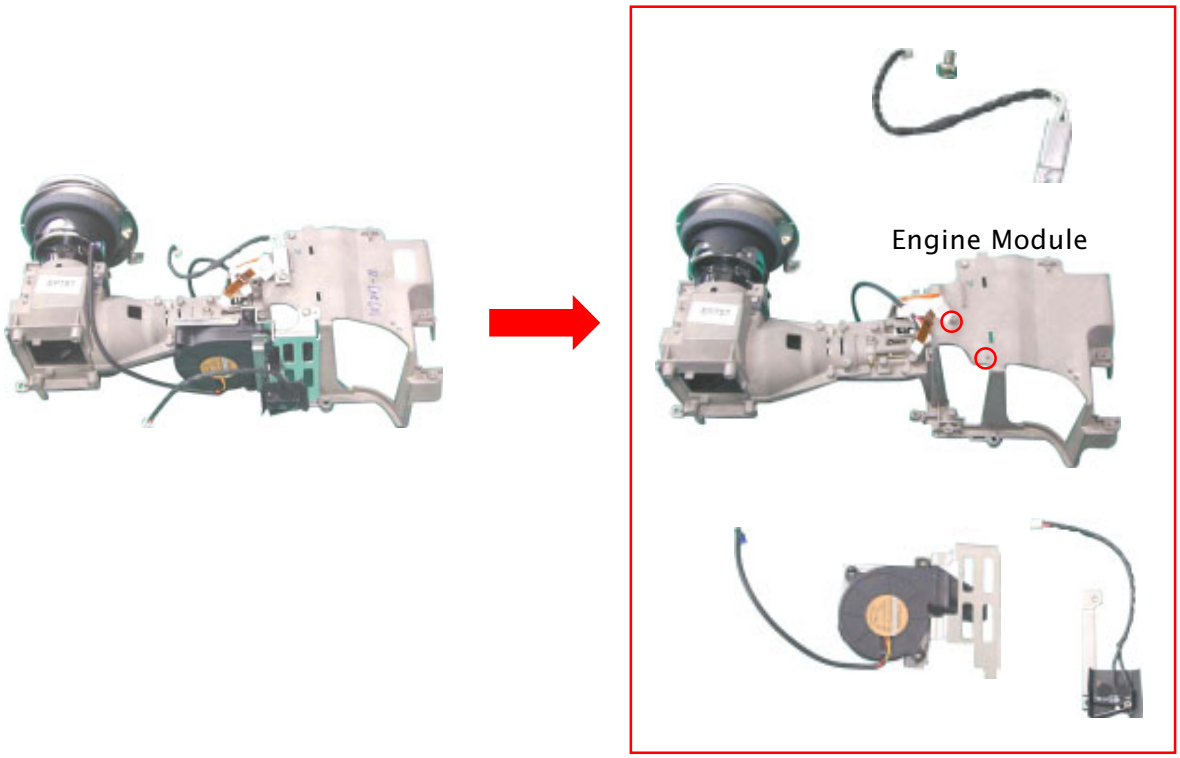
1. Unscrew one hex screw from Engine Module.
2. Unscrew three screws to remove Fan from Engine Module.
3. Unscrew one screw to remove Fan.

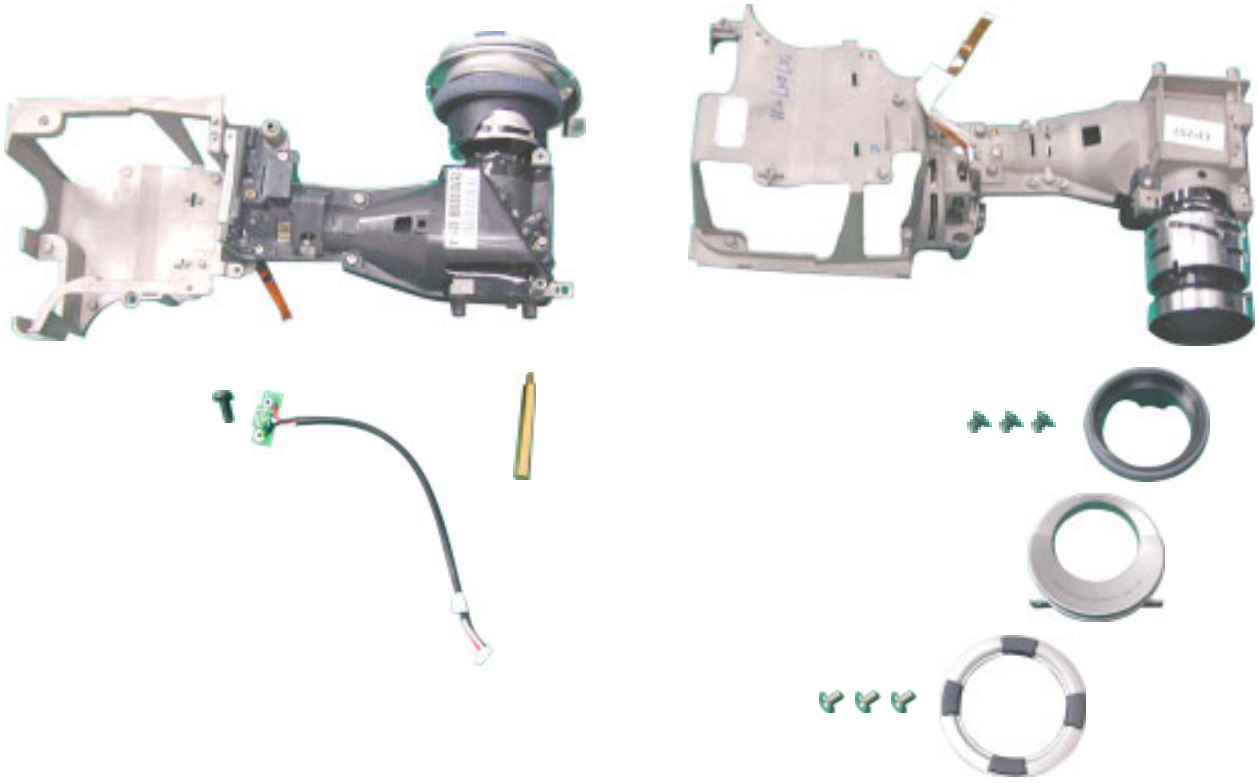


4. Unscrew two screws to remove Heat Sink.
5. Unscrew four screws to remove Formatter Board.
6. Unscrew two screws to remove Safe Switch.



Removing Engine Module





Troubleshooting

This chapter provides technicians and people who have an electronic background a primary description about maintaining the product. Moreover, you can get the appropriate operation to solve some complicated problems of component repairing and professional problems.

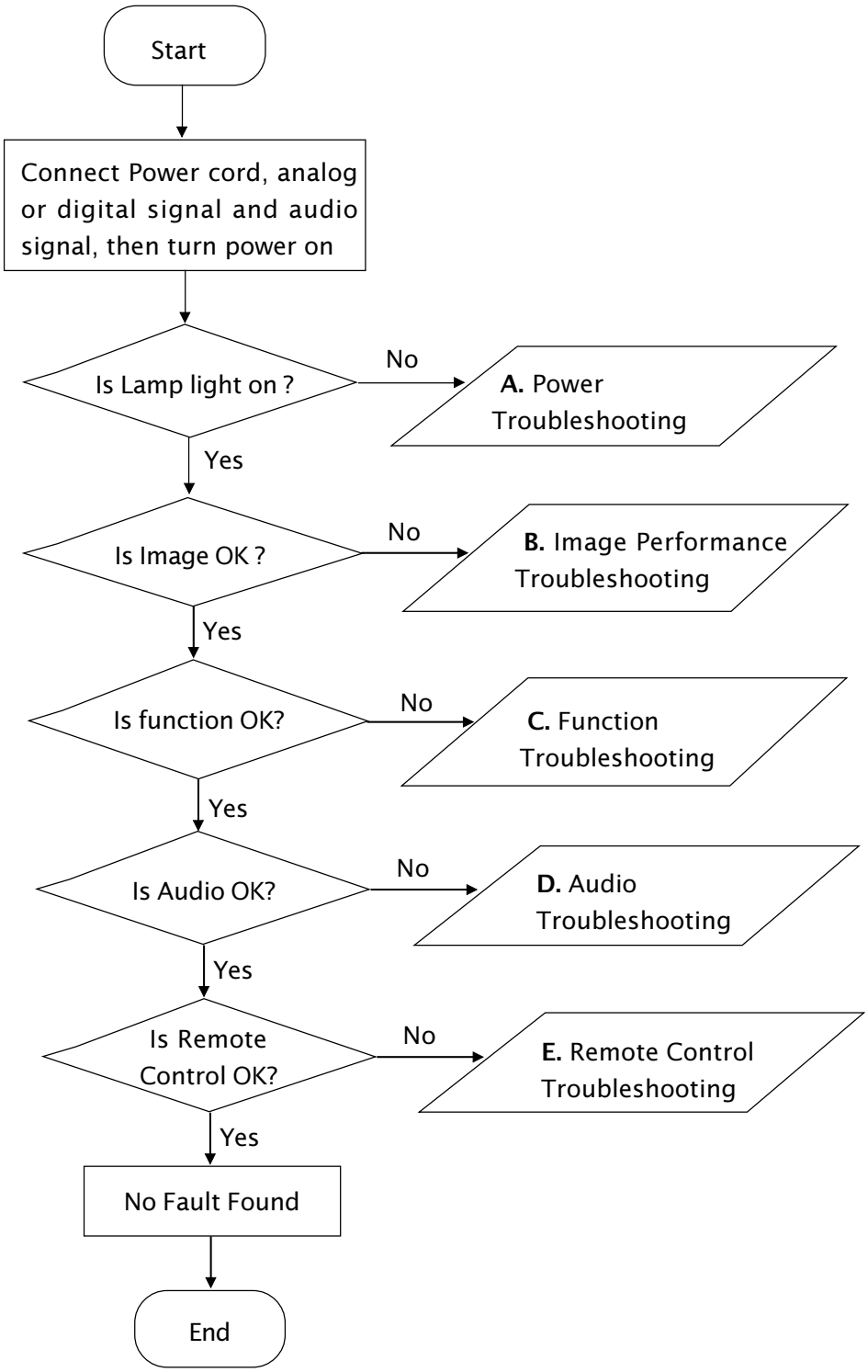
The Troubleshooing section focus on below items:

1. Power Troubleshooing
2. Performance Troubleshooting
3. Function Troubleshooting
4. Audio Troubleshooting
5. Remote Control Troubleshooting

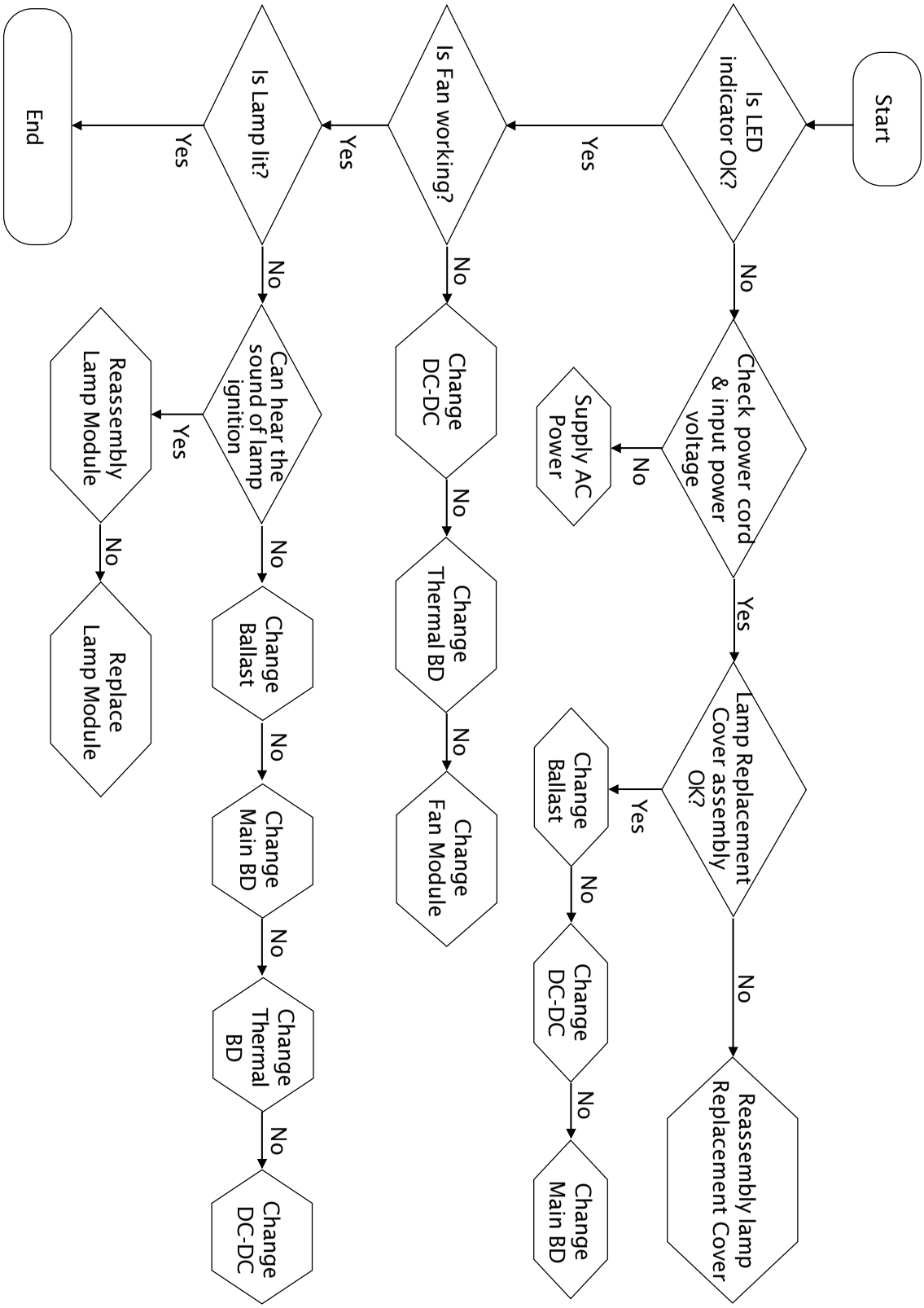
Equipment Needed

Item
PD721 Projector
VESA M1 to VGA Cable
PC (Personal Computer)
Audio Input, Video Input
Screw Drivers

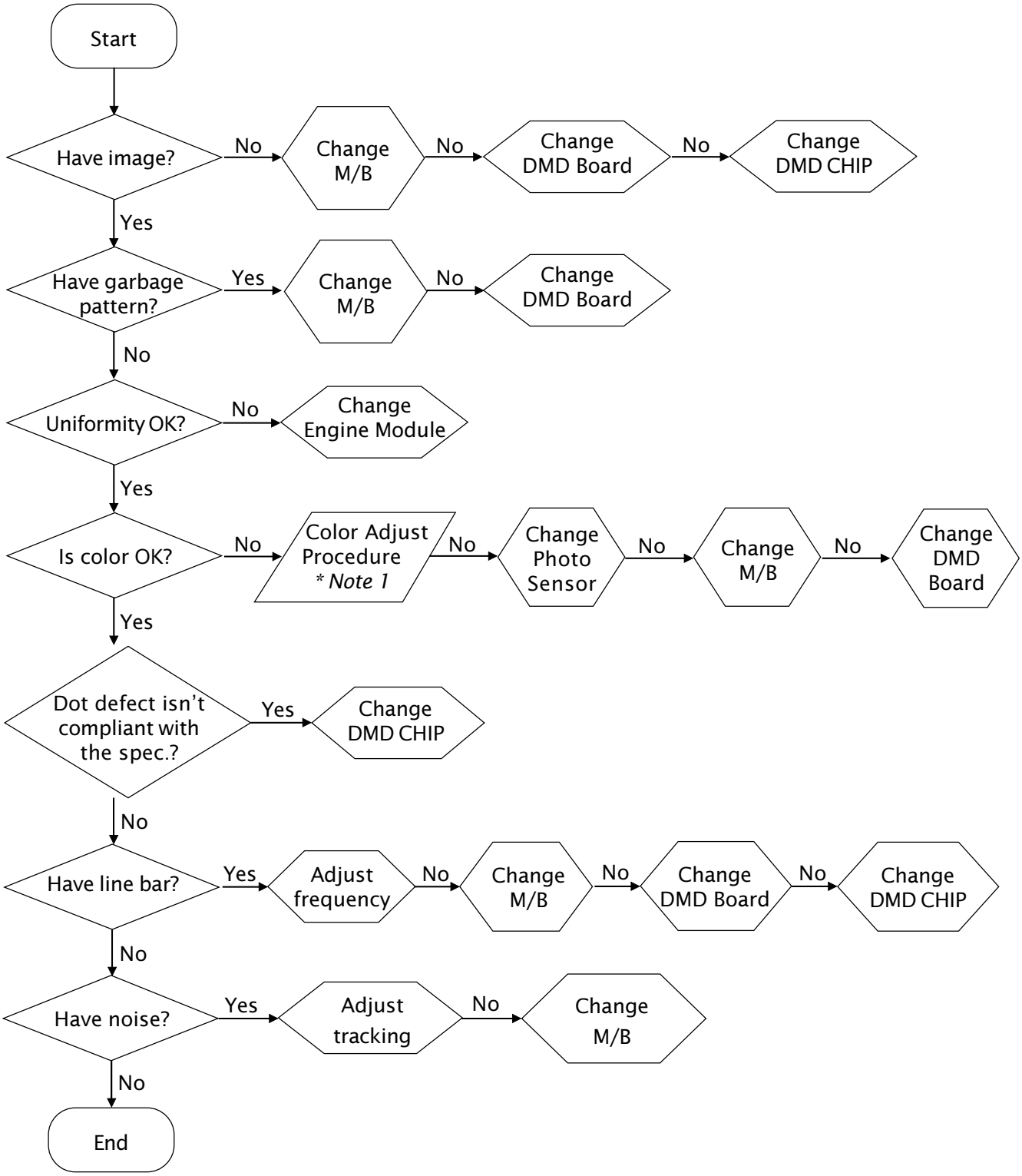
Main Procedure



Power Troubleshooting



Performance Troubleshooting



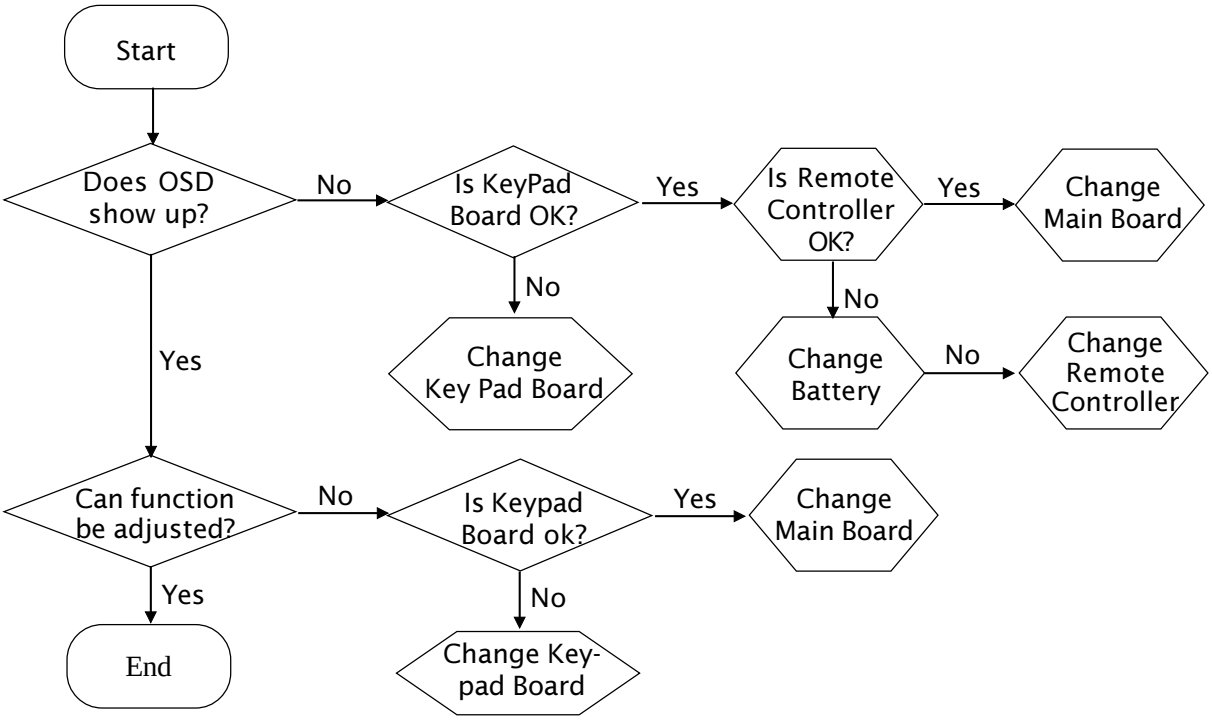
Color Adjust Procedure :

** Notice : PC shall run R.G.B. gray scale pattern.*

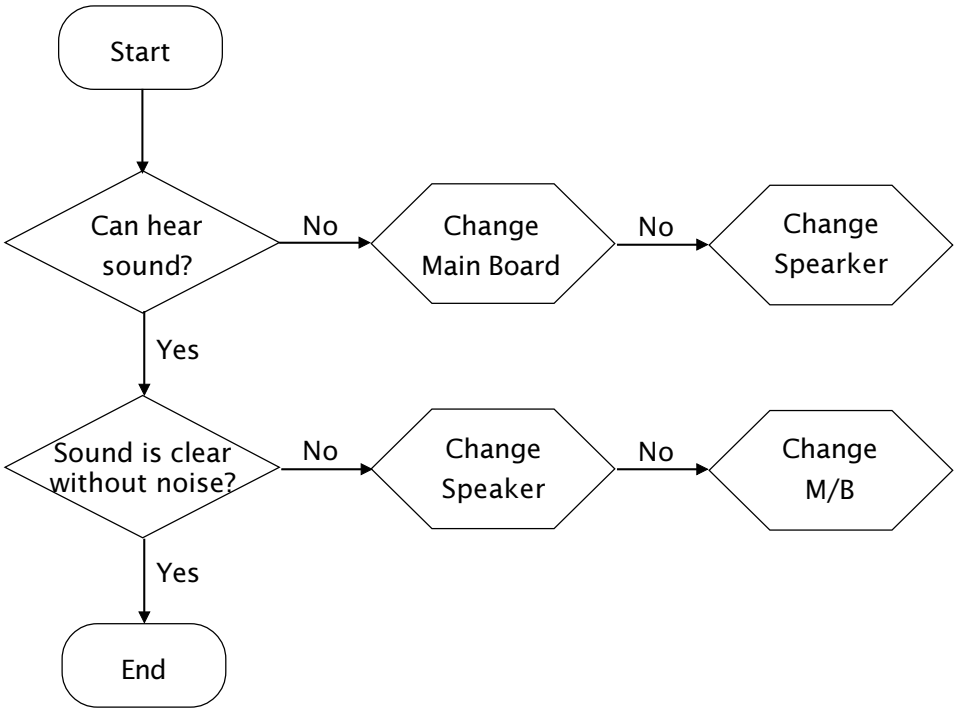
1. Power on. Press “Up”, “Up”, “Left” button when the “No Signal” show on the screen.
2. Choose “Display Source”
3. Choose Color Wheel Index.
4. Press “Left” or “Right” button to adjust.

- *Note 1 : It may need to be used when you replace Main Board or Optical Engine alone.*

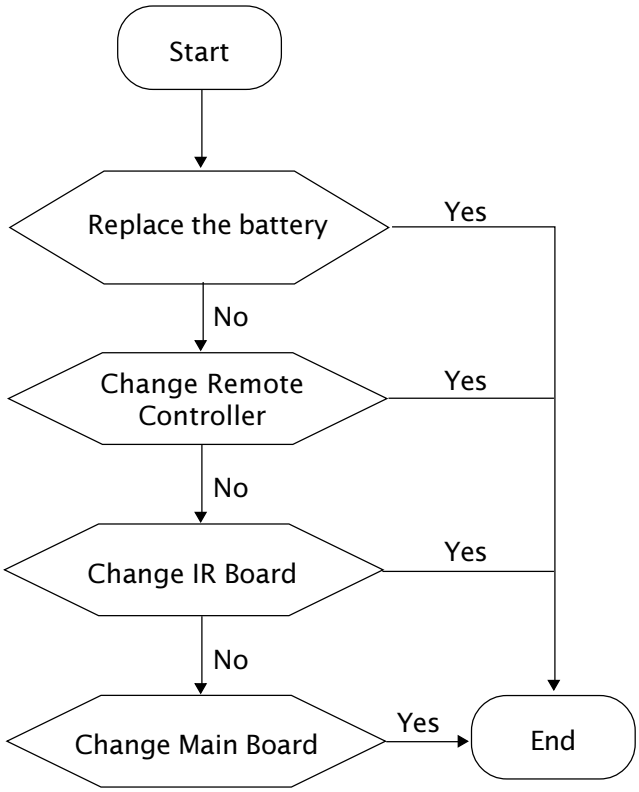
Function Troubleshooting



Audio Troubleshooting



Remote Control Troubleshooting



Function Test and Alignment Procedure

Equipment Needed

Item	Description
1	IBM PC with XGA resolution (Color Video Signal & Pattern Generator)
2	VCR with Multi-system (NTSC/PAL/SECAM)
3	Chroma meter Minolta CL-100
4	Hi-Pot

Test Condition

Item	Description
1	Circumstance Brightness : Dark room less than 60 lux
2	Inspection Distance : 2.0m
3	Screen Size : 60 inches diagonal (wide)
4	Before function test and alignment, each PD721 should be run-in and warmed-up for at least 30 minutes with following conditions. 1.) In room temperature 2.) With cycled display colors (R,G,B,White) 3.) With cycled display modes 640*350 (H=31.5 KHz, V=70 Hz) 640*400 (H=31.5 KHz, V=70 Hz) 640*480 (H=37.5 KHz, V=75 Hz) 720*400 (H=31.5 KHz, V=70 Hz) 800*600 (H=53.7 KHz, V=85 Hz) 800*600 (H=37.9 KHz, V=60 Hz) 1024*768 (H=48.4 KHz, V=60 Hz) 1024*768 (H=68.7 KHz, V=85 Hz)
5	Test Display Mode & Pattern
6	Function Test and Alignment Procedure

Test Display Modes and Patterns

Compatible Modes

Analog :

Resolution	V-Sync(Hz)	H-Sync(KHz)	Compatibility
640 x 350	70	31.5	VGA
640 x 350	85	37.9	VGA
640 x 400	70	31.5	VGA
640 x 400	85	37.9	VGA
640 x 480	60	31.5	VGA
640 x 480	72	37.9	VGA
640 x 480	75	37.5	VGA
640 x 480	85	43.3	VGA
720 x 400	70	31.5	VGA
720 x 400	85	37.9	VGA
800 x 600	56	35.2	SVGA
800 x 600	60	37.9	SVGA
800 x 600	72	48.1	SVGA
800 x 600	75	46.9	SVGA
800 x 600	85	53.7	SVGA
1024 x 768	43.4	35.5	XGA
1024 x 768	60	48.4	XGA
1024 x 768	70	56.5	XGA
1024 x 768	75	60.0	XGA
1024 x768	85	68.7	XGA
640 x 480	66.66	34.98	MAC LC 13"
640 x 480	66.68	35	MAC Ⅱ 13"
832 x 624	74.55	49.725	MAC 16"
1024 x 768	75	60.24	MAC 19"
1152 x 870	75.06	68.68	MAC
640 x 480	60	31.35	MAC G4
640 x 480	120	68.03	MAC G4
1024 x 768	120	97.09	MAC G4
640 x 480	117	60	i Mac DV
800 x 600	95	60	i Mac DV
1024 x 768	75	60	i Mac DV

Digital :

Resolution	V-Sync(Hz)	H-Sync(KHz)	Compatibility
640 x 350	70	31.5	VGA
640 x 350	85	37.9	VGA
640 x 400	70	31.5	VGA
640 x 400	85	37.9	VGA
640 x 480	60	31.5	VGA
640 x 480	72	37.9	VGA
640 x 480	75	37.5	VGA
640 x 480	85	43.3	VGA
720 x 400	70	31.5	VGA
720 x 400	85	37.9	VGA
800 x 600	56	35.2	SVGA
800 x 600	60	37.9	SVGA
800 x 600	72	48.1	SVGA
800 x 600	75	46.9	SVGA
800 x 600	85	53.7	SVGA
1024 x 768	43	35.5	XGA
1024 x 768	60	48.4	XGA
1024 x 768	70	56.5	XGA
1024 x 768	75	60.0	XGA

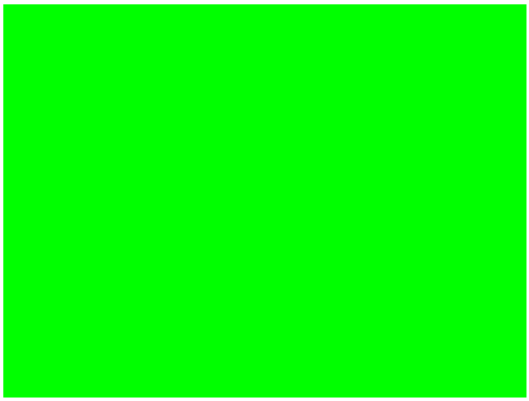
Function Test Display Pattern

Item	Test Content	Pattern	Specification	Remark
1	Frequency & Tracking	Fine Line Moire	Eliminate visual wavy noise.	Figure 1
2	Contrast/Brightne-ss	Gray Scale	Gray levels should be distinguishable.	Figure 2
3	R, G, B and White Color Performance	R, G, B and White Color	Each R, G, B color should be normal.	Figure 3~6
4	Screen Uniformity & Flicker	Full White	Should be compliant with the spec.	Figure 6
5	Dead/Blemish Pixel	R, G, B, White, Dark, Blue 180, Gray 30	The numbers of dead/blemish pixels should be compliant with the spec.	Figure 3~9
6	Boundary	Boundary Frame	Horz. and Vert. position of video shuld be adjustable to be within the screen frame.	Figure 10

Fine Line Morie Pattern (Figure 1)

Contrast & Brightness (Figure 2)

R. Color Pattern (Figure 3)



G. Color Pattern (Figure 4)

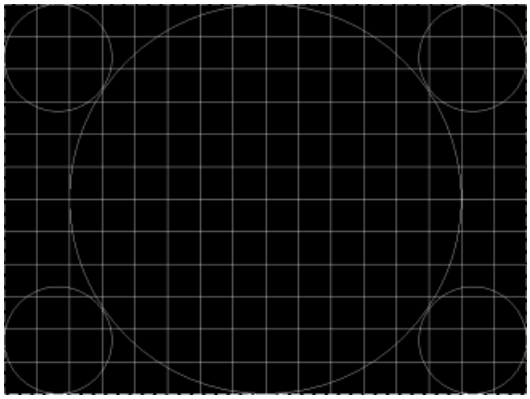
B. Color Pattern (Figure 5)

Full White Pattern (Figure 6)

Dark Pattern (Figure 7)

Gary 30 Pattern (Figure 8)

Blue 180 Pattern (Figure 9)



Boundary Frame (Figure 10)

Inspection Procedure

No.	Item	Description
1	RESET	Please press "Menu" button on the projector panel to enter "Factory Reset" Function then choose "YES" and press "Enter" to see if it works. This action will allow you to erase all end-user's settings and restore the original factory setting.
2	Hi-Pot and Grounding Test	- Hi-Pot Specification : 1.5kVAC, 10mA, 2 seconds. - Grounding Specification : 12VDC, 25A, 0.1 ohm.
3	Clock and Clock Phase	Test Signal : 1024*768 @ 85Hz Test Pattern : Line Moire Pattern - Check and see if image sharpness and focus is well performed. - If not, readjust by following steps. 1.) Enter "Digital Conversion" menu and select "Clock" Function to adjust the total pixel number of pixel clock in one line period. 2.) Then select "Clock Phase" Function and use right or left arrow key to adjust the value to minimize video flicker.
4	R, G, B and White Colors Contrast	Test Signal : 1024*768 @ 85Hz Test Pattern : 64 or 16 R, G, B and White colors Intensities Pattern - Please check and see if each colors is normal and distinguishable. - If not, please return the unit to repair area.
5	Screen Uniformity and Flicker	Test Signal : 1024*768 @ 85Hz Test Pattern : Full White Pattern - Please check and see if it's in normal condition. - If not, please return the unit to repair area.
6	Dead Pixel/Blemish Pixel	Test Signal : 1024*768 @ 85Hz Test Pattern : Gray 30, Blue 180, White, Dark, Red, Green and Blue Pattern - Please check and see if there are dead pixels on DMD chip. - The total numbers and distance of dead pixels should be complaint with specification.

No.	Item	Description
7	Check for Secondary Display Modes	Test signal : - 640*350 @ 70/85Hz - 640*400 @ 70/85Hz - 640*480 @ 72/75/85Hz - 720*400 @ 70/85Hz - 800*600 @ 56/60/72/75/85Hz - 1024*768 @ 43.4/60/70/75/85Hz - 1280*1024 @ 60/75Hz Normally when the primary mode 1024*768 @ 85Hz is well adjusted and complaint with the specification, then the secondary display modes will be great possibility to be complaint with the specification. But we still have to check with general test pattern to make sure every secondary modes is complaint with specification.
8	Factory Reset	After final QC step, we have to erase all saved change again and restore the factory defaults. Please select and enter "Factory Reset " Function to see if it is workable. This action will allow you erase all end-user's settings and restore the original factory setting.

FRU (Field Replaceable Unit) List

This chapter gives you FRU (Field Replaceable Unit) listing in global configuration of PD721.
Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).
Please note that WHEN ORDERING FRU PARTS, you should check the most up-to-date information available on your regional web or channel. For whatever reasons a part number change is made, it will not be noted on the printed Service Guide. For ACER AUTHORIZED SERVICE PROVIDERS, your Acer office may have a DIFFERENT part number code from those given in the FRU list of this printed Service Guide. You MUST use the local FRU list provided by your regional Acer office to order FRU parts for repair and service of customer machines.

You might be able to access the website to obtain the latest spare parts information:
http://aicsl.acer.com.tw/spl/

NOTE: To scrap or to return the defective parts, you should follow the local government ordinance or regulations on how to dispose it properly, or follow the rules set by your regional Acer office on how to return it.

FRU List

Photo	Part Name	Description	P/N
ACCESSORY			
N/A	REMOTE CONTROLLER	ACCESSORY REMOTE CONNTROLLER EZPRO 735(NEUTRAL)	25.320VH.001
N/A	BAG W/CUSHION INSIDE SOFT CASE	SOFT CARRY BAG FOR ACER PD720	47.720VH.014
BOARD			
N/A	PCBA THERMAL SENSOR BOARD	PCBA THERMAL SENSOR BD EZPRO 730/735 ID=91	55.310VH.009
N/A	PCBA MAIN BOARD	ASSY PCBA MAIN BOARD EP755 FOR ACER (PD720)	55.721VH.001
N/A	PCBA THERMAL BOARD EZPRO 755/ H55 FOR SUNON	PCBA THERMAL BOARD EZPRO 755/ H55 FOR SUNON	55.721VH.002
N/A	PCBA CONNECTOR-AV BOARD	PCBA CONNECTOR-AV BOARD EP757	55.721VH.003
N/A	PCBA DMD-BOARD	PCBA DMD BOARD EP757	55.721VH.004
	PCBA KEYPAD BOARD	PCBA KEYPAD BOARD EzPro 755	55.720VH.006
	PCBA SPEAKER BOARD	PCBA SPEAKER BOARD EzPro 755	55.720VH.007
	PCBA THERMAL SENSOR BOARD ID=90	PCBA THERMAL SENSOR BOARD EzPro 755 ID=90	55.720VH.008
N/A	PCBA IR-SENSOR BOARD	PCBA IR-SENSOR BOARD CALLAS	55.720VH.009

Photo	Part Name	Description	P/N
CABLES			
N/A	Y CABLE MINI DIN 8P TO USB “A” TYPE/D-SUB 1.8M	Y CABLE MINI DIN 8P TO USB “A” TYPE/D-SUB 1.8M CARUSO	50.720VH.001
N/A	CABLE W.A 24PIN 2.0P	W.A 24PIN 2.0P 324 EZPRO 755	50.720VH.002
	IR FRONT CABLE W.A 3P	W.A 3P#26 IR FRONT EzPro 755	50.720VH.003
N/A	CABLE W.A 4PIN 2.0P	W.A 4PIN 2.0P 326 EZPRO 755	50.720VH.004
N/A	LVPS-BALLAST POWER CABLE W.A 2PIN	W.A 2PIN #20 LVPS-BALLAST POWER EZPRO 755	50.720VH.005
	IR BACK W.A 3P	W.A 3P #26 IR BACK EzPro 755	50.720VH.006
	FFC CABLE 16P 0.5MM L=20CM	CABLE FFC 16P 0.5MM L=20CM EP755	50.720VH.007
N/A	BALLAST TO LVPS CABLE W.A 5PIN 1.0P	W.A 5PIN 1.0P #28 BALLAST TO LVPS EP755	50.720VH.008
	FFC CABLE 10PIN PITCH=1.0 L=100MM	CABLE FFC 10PIN PITCH=1.0 L=100MM EP755	50.720VH.009

Photo	Part Name	Description	P/N
N/A	ENGINE TO HEAT SINK WIRE 22AWG	W.A ENGINE TO HEAT SINK EMI WIRE 22AWG EP757	50.721VH.001
N/A	LPP TO VIDEO CABLE 1500MM	CABLE RCA 1500MM LPP-VIDEO	50.310VH.006
N/A	S-VHS CABLE 2M	CABLE S-VHS 2M EZPRO 600	50.310VH.007
N/A	VGA CABLE 15P 1.8M 3C+5 BLACK	CABLE VGA 15P 1.8M 3C+5 BLACK	50.321VH.005
N/A	MINI JACK TO RCA CABLE 1800MM	CABLE MINI JACK TO RCA 1800MM	50.721VH.002
N/A	DVI TO VGA CABLE 1.8M	CABLE DVI(WHITE)TO VGA (BLUE) 1.8M EZPRO 735	50.320VH.007
N/A	POWER CORD 1830MM(EUROPE)	CABLE POWER CORD 1830MM SP30+IS14 (EUROPE)	27.720VH.001
N/A	POWER CORD 1830MM EUR.(UK)	CABLE PWOER CORD 1830MM SP-023+IS14 EUR.(UK)	27.720VH.003
N/A	POWER CORD 1800MM BLACK (SWISS)	CABLE PWOER CORD AC 6FT BLACK (SWITZERLAND)FOR ACER	27.720VH.005
N/A	POWER CORD 1830MM (US,TWN)	CABLE POWER CORD 1830MM SP30+IS14 (US,TWN)	27.720VH.002
N/A	POWER CORD 1800MM (AUSTRALIA)	CABLE POWER CORD 1800MM (AUSTRALIA)	27.721VH.001
N/A	POWER CORD 2000MM(CHINA)	CABLE POWER CORD 2M 220V (CHINA)	27.720VH.004
CASE/COVER/BRACLET ASSEMBLY			
	IR COVER BACK	IR COVER BACK PC RED EzPro 755	42.720VH.001
N/A	IR COVER FRONT	IR COVER FRONT PC RED EZPRO 755	42.720VH.002

Photo	Part Name	Description	P/N
	ZOOM RING BASE PC+ABS	ZOOM RING BASE PC+ABS EzPro 755	42.720VH.003
	FOCUS RING PC+ABS CS-CT52A	FOCUS RING PC+ABS CS-CT52A, 53A EP755 FOR ACER	42.720VH.004
	FRONT COVER PC+ABS CS-CT52A	FRONT COVER PC+ABS CS-CT52A EP755 FOR ACER	42.720VH.005
	CONNECTOR COVER CLAMP	CONNECTOR COVER CLAMP PC+ABS EZPRO 755	42.720VH.006
	SIDE VENT PC+ABS	SDIE VENT PC+ABS EzPro 755	42.720VH.007
	KEYPAD PC+ABS HIGHT GLOSSY	KEYPAD PC+ABS HIGHT GLOSSY EP755 FOR ACER	42.720VH.008
N/A	LED LENS PC CLEAR SINGLE	LED LENS PC CLEAR SINGLE EZPRO 755	42.720VH.009
N/A	LED LENS PC CLEAR TWIN	LED LENS PC CLEAR TWIN EZPRO 755	42.720VH.010

Photo	Part Name	Description	P/N
N/A	CONNECTOR AV COVER PC+ABS	CONNECTOR AV COVER PC+ABS CS-CT53A EP755 FOR ACER	42.720VH.011
N/A	THERMAL BOARD STAND	THERMAL BOARD STAND PC+ABS EZPRO 755	42.720VH.012
N/A	FAN GUIDE FRONT NORYL CS-CT52A	FAN GUIDER FRONT NORYL CS-CT52A EP755 FOR ACER	42.721VH.001
	SPEAKER HOLDER SECC 1.0t	SPEAKER HOLDER SECC 1.0t EzPro 610	42.720VH.013
N/A	AXIAL FAN BRACKET AL0.8T	AXIAL FAN BRACKET AL0.8T EZPRO 755	33.720VH.001
N/A	BALLAST BRACKET SECC 0.8T	BLLAST BRACKET SECC 0.8T EZPRO 755	33.720VH.002
N/A	POWER SOCKET BRACKET SECC 0.8T	POWER SOCKET BRACKET SECC 0.8T EZPRO 755	33.720VH.003
N/A	DMD FAN GUIDE PLATE SECC 1T	DMD FAN GUIDE PLATE SECC 1T EP757	33.721VH.001
N/A	MAIN BOARD EMI SHELTER AL H56	MAIN BOARD EMI SHELTER AL H56	33.721VH.002
N/A	ELEVATOR MODULE CS-CT53A	BUY ASSY ELEVATOR MODULE CS-CT53A EP755 FOR ACER	42.721VH.002
	LENS CAP MODULE CS-CT52A	BUY LENS CAP MODULE CS-CT52A EP755 FOR ACER	42.720VH.015
N/A	DMD CONTACT HOUSING	CONTACT HOUSING FOXCONN FOR DDR XGA	42.721VH.003
N/A	LVPS ASSY	ASSY LVPS QUASAR EP757	42.721VH.004

Photo	Part Name	Description	P/N
N/A	BACK IR COVER MODULE	ASSY BACK IR COVER MODULE EZPRO 755	42.721VH.005
N/A	FRINT IR COVER MODULE	ASSY FRONT COVER MODULE EZPRO 755	42.721VH.006
N/A	LAMP COVER MODULE	ASSY LAMP COVER FOR ACER PD721(RMA)	42.721VH.007
N/A	BOTTOM HOUSING MODULE	ASSY BTM HSG FOR ACER PD721(RMA)	60.721VH.001
	TOP HOUSING MODULE	ASSY TOP HOUSING MODULE PD720 FOR ACER (RMA)	60.720VH.002
DIGITAL LIGHT DEVICE			
N/A	DMD 0.7 INCH XGA 12 DEGREE SDR TYPE A	DMD 0.7 INCH XGA 12 DEGREE SDR TYPE A	57.520VH.001
N/A	ENGINE MODULE	ASSY ENGINE MODULE EP755 PHILIPS(RMA)	57.721VH.001
N/A	LAMP MODULE	LAMP MODULE	EC.72101.001
FAN			
N/A	SUNON DC BRUSHLESS FAN GM1205PHV1-A 50*50*15MM	SUNON DC BRUSHLESS FAN GM1205PHV1-A 50*50*15MM	23.720VH.001
N/A	MISC FAN SUNON GM1207PKV3-AR	SUNON DC BRUSHLESS FAN GC054006VH-8 EP757	23.721VH.001
MISCELLANEOUS			
N/A	TAPE 3M J350 17*60MM	TAPE 3M J350 17*60MM	47.310VH.003
N/A	INSULATOR FOR BALLAST FRPP 0.5T	INSULATOR FOR BALLAST FRPP 0.5T EZPRO 755	47.720VH.002
N/A	MAIN BOARD SUPPORT RUBBER 5.0T	MAIN BOARD SUPPORT RUBBER 5.0T EP755	47.720VH.003
N/A	MAIN BOARD SUPPORT RUBBER 5.5*20.5.0T	MAIN BOARD SUPPORT RUBBER 5.5*20.5.0T	47.720VH.004

Photo	Part Name	Description	P/N
N/A	LVPS MODULE SUPPORT RUBBER 15*15*5.0T	LVPS MODULE SUPPORT RUBBER 15*15*5.0T	47.720VH.005
	ZOOM RING SILICONE RUBBER	ZOOM RING SILICONE RUBBER EzPro 755	47.720VH.009
N/A	SPEAKER RUBBER INSULATOR LEFT	SPEAKER RUBBER INSULATOR LEFT EZPRO 755	47.720VH.010
N/A	SPEAKER RUBBER INSULATOR RIGHT	SPEAKER RUBBER INSULATOR RIGHT EZPRO 755	47.720VH.011
N/A	WASHER-ZN CARUSO	WASHER-ZN CARUSO	47.720VH.013
N/A	LABEL NAMEPLATE AL ACER	LABEL NAMEPLATE AL ACER	47.721.VH.001
N/A	KEYPAD LIGHT INSULATOR	KEYPAD LIGHT INSULATOR EZPRO 755	47.721VH.002
N/A	LAMP COVER LIGHT INSULATOR SILICONE 1.0T	LAMP COVER LIGHT INSULATOR SILICONE 1.0T EZPRO	47.721VH.003
N/A	CONNECTOR BOARD MYLAR FRPP 0.3T	CONNECTOR BOARD MYLAR FRPP 0.3T EZPRO 755	47.721VH.004
N/A	INSULATOR FOR LVPS ERPP 0.5T	INSULATOR FOR LVPS ERPP 0.5T EZPRO 757	47.721VH.005
N/A	SPACER SUPPORTS	SPACER SUPPORTS SCB-5	47.721VH.006
SCREWS			
N/A	HEX I/O 4-40UNC8H58L7.5 NI	HEX I/O 4-40UNC8H58L7.5NI	86.721VH.001
N/A	SCREW HEX L=60MM M3*8 EP755	SCREW HEX L=60MM M3*8 EP755	86.721VH.002
N/A	SCREW PAN MECH M3*8-BLACK	SCREW PAN MECN M3*8-4BLACK	86.110VH.014
N/A	HEX SPACER L=58MM COPPER EZPRO 755	HEX SPACER L=58MM COPPER EZPRO 755	86.721VH.003
N/A	HEX SPACER L=40MM COPPER EZPRO 755	HEX SPACER L=40MM COPPER EZPRO 755	86.721VH.004
N/A	HEX COPPER SPRING WASHER	HEX COPPER SPRING WASHER	86.721VH.005
N/A	SCREW I/O STEEL #4-40UNC*H4*L5.5 NYLOK	SCRW I/O STEEL #4-40UNC*H4*L5.5 NYLOK	86.520VH.006

Photo	Part Name	Description	P/N
N/A	SCREW PAN MECH M3*4 NI	SCREW PAN MECH M3*4 NI	86.320VH.003
N/A	SCREW PAN MECH M2*4 BLACK	SCREW PAN MECH M2*4 BLACK	86.721VH.006
N/A	SCREW PAN MECH M2*5 BLACK	SCRWE PAN MECH M2*5 BLACK	86.721VH.007
N/A	SCREW PAN MECH M3*12 BLACK	SCRWE PAN MECH M3*12 BLACK	86.721VH.008
N/A	SCREW CAP MECH M3*6 BLACK	SCREW CAP MECH M3*6 BLACK	86.721VH.009
N/A	SCREW FLAT MECH M2*3 BLACK NYLOK CARUSO	SCREW FLAT MECH M2*3 BLACK NYLOK CARUSO	86.721VH.010
N/A	SCREW PAN TAP M2.6*5 NI	SCREW PAN TAP M2.6*5 NI	86.721VH.011
N/A	SCREW PAN TAP M3*6	SCREW PAN TAP M3*6	86.721VH.012
N/A	SCREW FLAT TAP M4.5*11 NI	SCREW FLAT TAP M4.5*11 NI	86.721VH.013
N/A	SCREW FLAT HEAD TAP M1.7*2.5 NI	SCREW FLAT HEAD TAP M1.7*2.5 NI	86.520VH.012
N/A	WASHER FLAT 7*3.2*0.25T NYLON WITH ADHESIVE	WASHER FLAT 7*3.2*0.25T NYLON WITH ADHESIVE	86.721VH.014
N/A	SCREW P/F MECH M3*5 BLACK EZPRO 755	SCREW P/F MECH M3*5 BLACK EZPRO 755	86.720VH.001
N/A	SCREW PAN MECH M3*8 BLACK	SCREW PAN MECH M3*8 BLACK	86.720VH.002
N/A	SCREW PAN MECH M4*5 COLOR W/TOOTH WASHER	SCREW PAN MECH M4*5 COLOR W/TOOTH WASHER	86.720VH.003
N/A	SCREW FLAT MECH M2.6*6 BLACK	SCREW FLAT MECH M2.6*6 BLACK	86.720VH.004
	SPEAKER D36 H=19MM 2W	SPEAKER D36 H=19MM 2W 8Ω EzPro 755	86.720VH.005